



## TGM6 blocking peptide (CDBP6269)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Antigen Description</b> | The protein encoded by this gene belongs to the transglutaminase superfamily. It catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Mutations in this gene are associated with spinocerebellar ataxia type 35 (SCA35). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011] |
| <b>Conjugate</b>           | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>        | Used as a blocking peptide in immunoblotting applications.                                                                                                                                                                                                                                                                                                                                     |
| <b>Format</b>              | Liquid                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>       | 200 µg/mL                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Preservative</b>        | None                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>             | -20°C                                                                                                                                                                                                                                                                                                                                                                                          |

### GENE INFORMATION

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">TGM6 transglutaminase 6 [ Homo sapiens (human) ]</a>                                                                                  |
| <b>Official Symbol</b> | TGM6                                                                                                                                              |
| <b>Synonyms</b>        | TGM6; transglutaminase 6; TG6; TGY; SCA35; TGM3L; dJ734P14.3; protein-glutamine gamma-glutamyltransferase 6; TGase Y; TGase-6; transglutaminase y |
| <b>Entrez Gene ID</b>  | <a href="#">343641</a>                                                                                                                            |
| <b>mRNA Refseq</b>     | <a href="#">NM_001254734</a>                                                                                                                      |
| <b>Protein Refseq</b>  | <a href="#">NP_001241663</a>                                                                                                                      |

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|-------------------|-------------------------------------------------------------------------|
| <b>UniProt ID</b> | O95932                                                                  |
| <b>Function</b>   | metal ion binding; protein-glutamine gamma-glutamyltransferase activity |