



# Human GPS1 blocking peptide (CDBP1416)

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

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Product Overview</b>    | Blocking/Immunizing peptide for anti-GPS1/COPS1 antibody   |
| <b>Antigen Description</b> | This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |
| <b>Species</b>             | Human  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | Apuri, BL, ELISA   |
| <b>Format</b>              | Lyophilized powder   |
| <b>Size</b>                | 100 µg   |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | Shipped at ambient temperature, store at -20°C.  |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | <a href="#">GPS1 G protein pathway suppressor 1 [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b> | GPS1  |
| <b>Synonyms</b>        | GPS1; G protein pathway suppressor 1; CSN1; COPS1; COP9 signalosome complex subunit 1; SGN1; GPS-1; signalosome subunit 1; COP9 signalosome subunit 1; JAB1-containing signalosome subunit 1; |

|                            |   |
|----------------------------|---|
| <b>Entrez Gene ID</b>      | <a href="#">2873</a>                        |
| <b>mRNA Refseq</b>         | <a href="#">NM_004127.4</a>                 |
| <b>Protein Refseq</b>      | <a href="#">NP_004118.3</a>                 |
| <b>UniProt ID</b>          | Q13098                                      |
| <b>Chromosome Location</b> | 17q25.3                                     |
| <b>Function</b>            | GTPase inhibitor activity; protein binding; |