



OTUD5 blocking peptide (CDBP5874)

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

PRODUCT INFORMATION

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| Antigen Description | This gene encodes a member of the OTU (ovarian tumor) domain-containing cysteine protease superfamily. The OTU domain confers deubiquitinase activity and the encoded protein has been shown to suppress the type I interferon-dependent innate immune response by cleaving the polyubiquitin chain from an essential type I interferon adaptor protein. Cleavage results in disassociation of the adaptor protein from a downstream signaling complex and disruption of the type I interferon signaling cascade. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Oct 2008] |
| Conjugate | Unconjugated |
| Applications | Used as a blocking peptide in immunoblotting applications. |
| Format | Liquid |
| Concentration | 200 µg/mL |
| Size | 0.05 mg |
| Preservative | None |
| Storage | -20°C |

GENE INFORMATION

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| Gene Name | OTUD5 OTU deubiquitinase 5 [Homo sapiens (human)] |
| Official Symbol | OTUD5 |
| Synonyms | OTUD5; OTU deubiquitinase 5; DUBA; OTU domain-containing protein 5; OTU domain containing 5; deubiquinating enzyme A; deubiquitinating enzyme A |

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| Entrez Gene ID | 55593 |
| mRNA Refseq | NM_001136157 |
| Protein Refseq | NP_001129629 |
| UniProt ID | Q96G74 |
| Pathway | Gastric cancer network 2; Immune System; Innate Immune System; Negative regulators of RIG-I/MDA5 signaling; RIG-I-like receptor signaling pathway; RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways |
| Function | ubiquitin-specific protease activity |
