



POFUT1 blocking peptide (CDBP5940)

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 glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 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 | POFUT1 protein O-fucosyltransferase 1 [Homo sapiens (human)] |
| Official Symbol | POFUT1 |
| Synonyms | POFUT1; protein O-fucosyltransferase 1; DDD2; FUT12; O-FUT; OFUCT1; O-Fuc-T; O-FucT-1; GDP-fucose protein O-fucosyltransferase 1; o-fucosyltransferase protein; peptide-O-fucosyltransferase 1 |

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| Entrez Gene ID | 23509 |
| mRNA Refseq | NM_015352 |
| Protein Refseq | NP_056167 |
| UniProt ID | Q9H488 |
| Pathway | Delta-Notch Signaling Pathway; Other types of O-glycan biosynthesis; Pre-NOTCH Expression and Processing; Pre-NOTCH Processing in the Endoplasmic Reticulum; Signal Transduction; Signaling by NOTCH |
| Function | fucosyltransferase activity; peptide-O-fucosyltransferase activity; peptide-O-fucosyltransferase activity |