

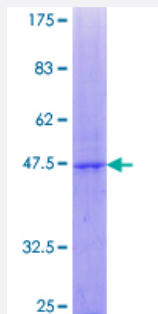
Full-Length

POFUT1 (Human) Recombinant Protein (P01)

Catalog # H00023509-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POFUT1 full-length ORF (NP_758436.1, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGAAAWARPLSVSFLLLLLPLPGMPAGSWDPAGYLLYCPCMGRFGNQADHFLGSLAFKLLNR TLAVPPWIEYQHHKPPFTNLHVSQKYFKLEPLQAYHRVISLEDFMEKLAPTHWPPEKRVAYCFE VAAQRSPDKKTCPMKEGNPFGPFWDQFHVSFNKSELF TGISFSASYREQWSQRRENHSCVTLL FPR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.7
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — POFUT1

Entrez GeneID [23509](#)**GeneBank Accession#** [NM_172236.1](#)**Protein Accession#** [NP_758436.1](#)**Gene Name** POFUT1**Gene Alias** FUT12, KIAA0180, MGC2482, O-FUT, O-Fuc-T, O-FucT-1**Gene Description** protein O-fucosyltransferase 1**Omim ID** [607491](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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]

Other Designations GDP-fucose protein O-fucosyltransferase 1|OTTHUMP00000030583|OTTHUMP00000030584|O-fucosyltransferase protein

Disease

- [Tobacco Use Disorder](#)