



Recombinant Human GDP-fucose protein O-fucosyltransferase 1 (POFUT1)

Product Code	CSB-YP862013HU
Abbreviation	POFUT1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9H488
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	GSWD PAGYLLYCPC MGRFGNQADH FLGSLAFACL LNRTLAVPPW IEYQHHPKF TNLHVSQKY FKLEPLQAYH RVISLEDFME KLAPTHWPPE KRVAYCFEVA AQRSPDKKTC PMKEGNPFGP FWDQFHVSFN KSELFSGISF SASYREQWSQ RFSPKEHPVL ALPGAPAQFP VLEEHRPLQK YMWVSDVMK TGEAQIHAHL VRPYVGIHLR IGSDWKNACA MLKDGTAGSH FMASPCVGY SRSTAAPLTM TMCLPDLKEI QRAVKLWVRS LDAQSVYVAT DSESYPELQ QLFKGVKVV SLKPEVAQVD LYILGQADHF IGNCVSSFTA FVKRERDLQG RPSSFFGMDR PPKLRDEF
Source	Yeast
Target Names	POFUT1
Protein Names	Recommended name: GDP-fucose protein O-fucosyltransferase 1 EC= 2.4.1.221 Alternative name(s): Peptide-O-fucosyltransferase 1 Short name= O-FucT-1
Expression Region	27-388
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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