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Product datasheet for AR50737PU-S

POFUT1 (His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	POFUT1 (His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSGSWDPAG YLLYCPCMGR FGNQADHFLG SLAFAKLLNR TLAVPPWIEY QHHKPPFTNL HVSYQKYFKL EPLQAYHRVI SLEDFMEKLA PTHWPPEKRV AYCFEVAAQR SPDKKTCPMK EGNPFGPFWD QFHVSFNKSE LFTGISFSAS YREQWSQRFS PKEHPVLALP GAPAQFPVLE EHRPLQKYMV WSDEMVKTGE AQIHAHLVRP YVGIHLRIGS DWKNACAMLK DGTAGSHFMA SPQCVGYSRS TAAPLTMTMC LPDLKEIQRA VKLWVRSLDA QSVYVATDSE SYVPELQQLF KGKVKVVSLK PEVAQVDLYI LGQADHFIGN CVSSFTAFVK RERDLQGRPS SFFGMDRPPK LRDEF
Tag:	His-tag
Predicted MW:	43.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human POFUT1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_056167
Locus ID:	23509
UniProt ID:	Q9H488

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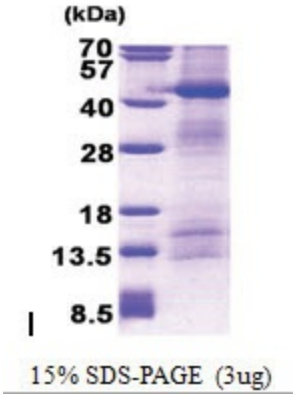
Cytogenetics: 20q11.21

Synonyms: FUT12, O-FucT-1, KIAA0180

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, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



15% SDS-PAGE (3ug)

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