

Human POFUT1 Recombinant Protein



RPPB2132

Product Information Protein Information

Product SKU:

RPPB2132

Accession:

Q9H488

Host:

Escherichia Coli.

Protein description:

POFUT1 Human Recombinant produced in E. coli is a single polypeptide chain containing 385 amino acids (27-388) and having a molecular mass of 43.7 kDa. POFUT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

FUT12, O-Fuc-T, O-FucT-1, O-FUT, GDP-fucose protein O-fucosyltransferase 1, Peptide-O-fucosyltransferase 1, KIAA0180.

Formulation:

The POFUT1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSWSWDPAG YLLYCPCMGR FGNDQADHFLG SLAFKLLNR TLAVPPWIEY
QHHKPPFTNL HVSQYKYFKL EPLQAYHRVI SLEDFMEKLA PTHWPPEKRV AYCFEVAAQR SPDKKTCPMK
EGNPFPGPFWQ QFHVSFNKSE LFTGISFSAS YREQWSQRFS PKEHPVLALP GAPAQFPVLE EHRPLQKYMV
WSDVMVKTGE AQIHAHLVRP YVGIHLRIGS DWKNACAMLK DGTAGSHFMA SPQCVGYSRS TAAPLMTMTC
LPDLKEIQRA VKLWVRS LDA QSVYVATDSE SYVPELQQLF KGKVKVSLK PEVAQVDLYI LGQADHFIGN
CVSSFTAFVK RERDLQGRPS SFFGMDRPPK LRDEF.