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POFUT1, 27-388aa Human, His tag, E.coli

产品货号: TP03451

第三版

别名:GDP-fucose protein O-fucosyltransferase 1, FUT12, O-Fuc-T, O-FucT-1, O-FUT

描述:GDP-fucose protein O-fucosyltransferase 1, also known as POUFUT1, is a member of the glycosyltransferase O-Fuc family. Highly expressed in pancreas, kidney, lung, heart, brain, liver, placenta and skeletal muscle, POFUT1 uses manganese to catalyze the attachment of fucose to a conserved serine or threonine residue on a protein accept. POFUT1 plays an important role in Notch signaling, as Notch ligands can serve as POFUT1 substrates. Recombinant human POFUT1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol

分子量:43.7kDa (385aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSGSWDPAGYLLYCPCMGRFGNQADHFLGSLAFKLLNRTLAVPPWIEYQHHKPPFT
NLHVSYQKYFKLEPLQAYHRVISLEDFMEKLAPTHWPPEKRVAYCFEVAQAQRSPDKKTCPMKEGNPFGPFWDQFHVSFN
KSELFSGISFSASYREQWSQRFSPKEHPVLALPGAPAQFPVLEEHRPLQKYMVWSDVMVKTGEAQIHHLVVRPYVGIHLRI
GSDWKNACAMLDGTAGSHFMASPCVGYSRSTAAPLTMCLPDLKEIQRAVKLWVRSQVYVATDSESYVPEL
QQLFKGKVKVVSLLKPEVAQVDLYILGQADHFIGNCVSSFTAFVKRERDLQGRPSSFFGMDRPPKLRDEF

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.