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GLTPD1, 1-214aa, Human, His tag, E.coli

产品货号: TP02261

第三版

别名: Glycolipid transfer protein domain-containing protein 1, CPTP, MGC10334, glycolipid transfer protein domain containing 1

描述: GLTPD1 mediates the intracellular transfer of ceramide-1-phosphate between organelle membranes and the cell membrane. This protein is required for normal structure of the Golgi stacks. GLTPD1 can bind phosphoceramides with a variety of aliphatic chains, but has a preference for lipids with saturated C16:0 or monounsaturated C18:1 aliphatic chains, and is inefficient with phosphoceramides containing lignoceryl (C24:0). It plays a role in the regulation of the cellular levels of ceramide-1-phosphate, and thereby contributes to the regulation of phospholipase PLA2G4A activity and the release of arachidonic acid. Recombinant human GLTPD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffered saline (pH7.4) containing 50% glycerol, 1mM DTT

分子量: 26.8 kDa (237aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMDDSETGFNLKVVLV\$FKQCLDEKEEVLLDPYIASWKGLVRFNLNSLGTIFSFISKDVV
SKLRIMERLRGGPQSEHYRSLQAMVAHEL\$NRLVDLERRSHHPESGCRTVLRRLHRLH\$WLQLFLEGLRTSPEDARTSALCA
DSYNASLAAYHPWVVRRAVTVA\$FCTLPTRVFL\$EAMNVGPPEQAVQMLGEALPFIQRVYNV\$SQKLYAEHSLLDLP

纯度: > 95% by HPLC

浓度: 0.25 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.