

Recombinant human GLTP protein

Catalog Number: ATGP1849

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-209aa

UniProt No.

Q9NZD2

NCBI Accession No.

NP_057517

Alternative Names

Glycolipid transfer protein

PRODUCT SPECIFICATION

Molecular Weight

26.2 kDa (232aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Glycolipid transfer protein, also known as GLTP, accelerates the intermembrane transfer of various glycolipids. It catalyzes the transfer of various glycosphingolipids between membranes but does not catalyze the transfer of phospholipids. This protein may be involved in the intracellular translocation of glucosylceramides. Recombinant human GLTP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

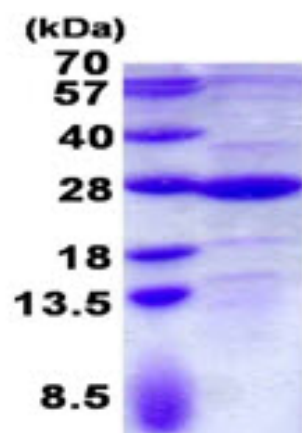
MGSSHHHHHH SSSLVPRGSH MGSMALLAEH LLKPLPADKQ IETGPFLEAV SHLPPFFDCL GSPVFTPIKA DISGNITKIK
AVYDTNPAKF RTLQNIIEVE KEMYGAEWPK VGATLALMWL KRGLRFIQVF LQSIDGERD ENHPNLIRVN ATKAYEMALK
KYHGWIQKI FQAALYAAPY KSDFLKALSK GQNVTEEECL EKIRLFLVNY TATIDVIYEM YTMNAELNY KV

General References

Zou X., et al. (2008) BMC Genomics. 9:72-72
Rao C.S., et al. (2004) Biochemistry. 43:13805-13815

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)