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# **Recombinant human GLTP protein**

Catalog Number: ATGP1849

# **PRODUCT INFORMATION**

### **Expression system**

E.coli

#### **Domain**

1-209aa

#### UniProt No.

O9NZD2

#### **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**

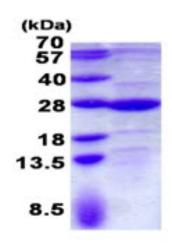
MGSSHHHHHH SSGLVPRGSH MGSMALLAEH LLKPLPADKQ IETGPFLEAV SHLPPFFDCL GSPVFTPIKA DISGNITKIK AVYDTNPAKF RTLQNILEVE KEMYGAEWPK VGATLALMWL KRGLRFIQVF LQSICDGERD ENHPNLIRVN ATKAYEMALK KYHGWIVQKI FQAALYAAPY KSDFLKALSK GQNVTEEECL EKIRLFLVNY TATIDVIYEM YTQMNAELNY KV

#### **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**



15% SDS-PAGE (3ug)

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

