

Product information



GLTP, 1-209aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1849

Full name: Glycolipid transfer protein

NCBI Accession No.: NP_057517

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.

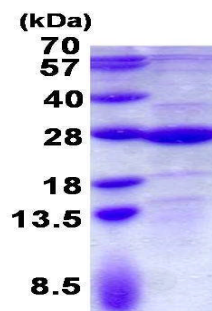
Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl,

20% glycerol, 1mM DTT

Molecular Weight: 26.2 kDa (232aa), confirmed by MALDI-TOF

Purity: > 85% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMALLAEH LLKPLPADKQ IETGPFLEAV SHLPPFFDCL GSPVFTPIKA DISGNITKIK AVYDTNPAKF
RTLQNILEVE KEMYGAEWPK VGATLALMWL KRGLRFIQVF LQSIDGERD 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

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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