

**GLTP, 1-209aa, Human, His tag, E.coli**

**Cat.NO.: TP02260**

3th Edition

**Synonyms:**Glycolipid transfer protein,

**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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMALLAEHLLKPLPADKQIETGPFLEAVSHLPPFFDCLGSPVFTPIKADISGNIT  
KIKAVYDTNPAKFRTLQNILEVEKEMYGAEWPKVGATLALMWLKRGLRFIQVFLQSICDGERDENHPNLIRVNATKA  
YEMALKKYHGWIVQKIFQAALYAAPYKSDFLKALSKGQNVTEEECLEKIRLFLVNYTATIDVIYEMYTQMNAELNYKV

**Purity:**> 95% by HPLC

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

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.