

## GLTP Protein, Bovine, Recombinant (His)

### General Information

Synonyms:	Glycolipid transfer protein;GLTP
Protein Construction:	2-209 aa
Species:	Bovine
Expression Host:	P. pastoris (Yeast)
Accession:	P68265
Molecular Weight:	25.8 kDa (predicted)
AA Sequence:	ALLAEHLLRPLPADKQIETGPFLEAVSHLPPFFDCLGSPVFTPIKADISGNITKIKAVYDTNPTKFRTLQNIILEVEK EMYGAEWPKVGATLALMWLKRGLRFIQVFLQSIDGERDENHPNLIRVNATKAYEMALKKYYHWIVQKIFQA ALYAAPYKSDFLKALSKGQNVTEEECLEKVRLFLVNYTATIDVIYEMYTRMNAELNYKV

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

### Preparation and Storage

**Reconstitution:**  
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

**Stability & Storage:**

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

**Shipping:**

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

### Protein Background

Accelerates the intermembrane transfer of various glycolipids. Catalyzes the transfer of various glycosphingolipids between membranes but does not catalyze the transfer of phospholipids. May be involved in the intracellular translocation of glucosylceramides.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481