

## Recombinant Bovine GLTP Protein (2-209 aa), His-SUMO-tagged

**Cat. No.** GLTP-1763B    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Bovine GLTP Protein (2-209 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.                                                             |
| <b>Species</b>          | Bovine                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 2-209 aa                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 39.8 kDa                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | ALLAEHLLRPLPADKQIETGPFLEAVSHLPPFFDCLGSPVFTPIKADISGNITKIKAVYD<br>TNPTKFRTLQNILEVEKEMYGAEWPKVGATLALMWLKRGLRFIQVFLQSICDGERDE<br>NHPNLIRVNATKAYEMALKKYHGWIVQKIFQAALYAAPYKSDFLKALSKGQNVTEEE<br>CLEKVRLFLVNYTATIDVIYEMYTRMNAELNYKV                                        |

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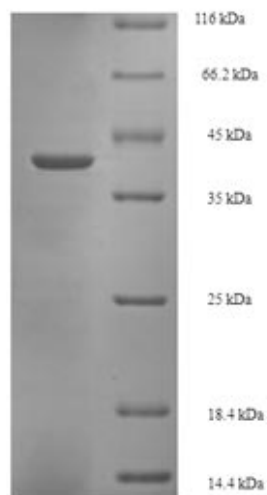
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|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b>    | A hardcopy of COA with reconstitution instruction is sent along with the products.                                                                                                                                                                                                                                  |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>        | GLTP glycolipid transfer protein [ Bos taurus (cattle) ]                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b>  | GLTP                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | GLTP;                                                                                                                                                                                                                                                                                                               |
| <b>Gene ID</b>          | 327678                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_175799                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_786993                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>       | P68265                                                                                                                                                                                                                                                                                                              |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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