
Product Data Sheet

Product Name: GLTP Human
 Cat. No.: GP23564
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Glycolipid transfer protein; GLTP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMALLAEH LLKPLPADKQ IETGPFLEAV SHLPPFFDCL GSPVFTPIKA DISGNITKIK AVYDTNPAKF RTLQNILEVE KEMYGAEWPK VGATLALMWL KRGLRFIQVF LQSIDGERD ENHPNLIRVN ATKAYEMALK KYHGWIVQKI FQAALYAAPY KSDFLKALSK GQNVTEEECL EKIRLFLVNY TATIDVIYEM YTQMNAELNY KV.		
Formulation	GLTP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.		

Introduction

Glycolipid transfer protein (GLTP) accelerates the intermembrane transfer of different glycolipids. GLTP catalyzes the transfer of various glycosphingolipids between membranes however does not catalyze the transfer of phospholipids. GLTP is involved in the intracellular translocation of glucosylceramides. The GLTP protein is similar to bovine and porcine proteins which accelerate transfer of certain glycosphingolipids and glyceroglycolipids between membranes. GLTP is assumed to be a cytoplasmic protein. GLTP is detected in fibroblasts and in various cancer cell lines.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

GLTP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 232 amino acids (1-209 a.a.) and having a molecular mass of

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

26.2kDa.GLTP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA