

GLTP Protein, Human (HEK293, His)

Cat. No.:	HY-P76365
Synonyms:	Glycolipid transfer protein; GLTP
Species:	Human
Source:	HEK293
Accession:	Q9NZD2 (M1-V209)
Gene ID:	51228
Molecular Weight:	Approximately 26.2 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	GLTP protein plays a crucial role in facilitating the intermembrane transfer of diverse glycolipids. Specifically, it catalyzes the transfer of various glycosphingolipids between membranes, distinguishing itself by its exclusion of phospholipids from this transfer process. The protein's potential involvement in the intracellular translocation of glucosylceramides further underscores its significance in lipid metabolism. Notably, GLTP functions as a monomer in executing these lipid transfer activities.
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Caution: Product has not been fully validated for medical applications. For research use only.

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