

COL4A3BP Protein, Human (sf9, His-GST)

Cat. No.:	HY-P76844
Synonyms:	Ceramide transfer protein; hCERT; GPBP; StARD11; CERT1
Species:	Human
Source:	Sf9 insect cells
Accession:	Q9Y5P4 (M1-F598)
Gene ID:	10087
Molecular Weight:	Approximately 96 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4, 10% Glycerol. 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	The COL4A3BP protein functions as a lipid-binding molecule, housing ceramides and diacylglycerol lipids within its START domain. It plays a crucial role in facilitating the intracellular trafficking of these lipids through a non-vesicular mechanism.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA