
Product Data Sheet

Product Name: IGFBP6 Mouse
 Cat. No.: GP20434
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Insulin-like growth factor-binding protein 6; Igfbp6; IGFBP-6; IBP-6; IGF-binding protein 6; IGFBP-6; Igfbp-6.		
Amino Acid Sequence	ALAGCPGCGA GMQTGCRGGC VEEEDAGSPA DGCTEAGGCL RREGQPCGVY SPKCAPGLQC QPRENEEAPL RALLIGQGRC QRARGPSEET TKESKPQGGA SRSRDTNHRD RQKNPRTSAA PIRPNPVQDS EMGPCRRHLD SVLQQQLQTEV FRGGARGLYV PNCDLRGFYR KQQCRSSQGN RRGPCWCVDP MGQPLPVSPD QGGSTQCSAR SSGLEHHHHH H.		
Formulation	IGFBP6 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 40% glycerol.		

Introduction

IGFBP6 plays a role in lipoprotein assembly and dietary cholesterol absorption. In addition to its acyltransferase activity, it may act as a ligase. It may provide cholesteryl esters for lipoprotein secretion from hepatocytes and intestinal mucosa.

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

IGFBP6 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 221 amino acids (26-238 a.a.) and having a molecular mass of 23.7kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions). IGFBP6 is expressed with a 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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

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