
Product Data Sheet

Product Name: IGFBP6 (28-240) Human
 Cat. No.: GP20433
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Insulin-like growth factor-binding protein 6; IBP-6; IGF-binding protein 6; IGFBP-6; IGFBP6; IBP6.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSRCPCGCGQ GVQAGCPGGC VEEEDGGSPA EGCAEAEGCL RREGQECGVY TPNCAPGLQC HPPKDDEAPL RALLLGRGRC LPARAPAVAE ENPKESKPQA GTARPQDVNR RDQQRNPGTS TTPSQPNSAG VQDTEMGPCR RHLDSVLQQL QTEVYRGAQT LYVPNCDHRG FYRKRQCRSS QGQRRGPCWC VDRMGKSLPG SPDGNGSSSC PTGSSG.		
Formulation	The IGFBP6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

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 Human Recombinant produced in E. coli is a single polypeptide chain containing 236 amino acids (28-240) and having a molecular mass of 25.0kDa (Molecular size on SDS-PAGE will appear higher). IGFBP6 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.

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