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Insulin Like Growth Factor Binding Protein-6 (28-240 a.a.), human recombinant (rhuIBP6)

Catalog No: 99949
Lot No: XXXXX
Source: *E. coli*
Synonyms: Insulin-like growth factor-binding protein 6, IBP-6, IGF-binding protein 6, IGFBP-6, IGFBP6, IBP6

Background

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

Description

IGFBP6 Human Recombinant, produced in *E. coli*, is a single polypeptide chain containing 236 amino acids (28-240 aa). It has a molecular mass of 25.0 kDa (molecular size on SDS-PAGE will appear higher). IGFBP6 is fused to a 23 amino acid His-tag at N-terminus and is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered, colorless solution.

Formulation

The IGFBP6 solution (0.5 mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0), 0.15 M NaCl, 2% glycerol and 1 mM DTT.

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.

Purity

Greater than 85% as determined by SDS-PAGE.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.