



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

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