

IGFBP 6 Human

Description:IGFBP6 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing amino acids 148-240 and having a molecular mass of 20 kDa including 4kDa His tag. IGFBP6 is purified by proprietary chromatographic techniques.

Catalog #:CYPS-265

For research use only.

Synonyms:IGFBP-6, IBP-6, IGF-binding protein 6.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder.

Purity:Greater than 80.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:

IBP-6 was lyophilized from a concentrated (1mg/ml) solution containing 1X PBS, 0.1% SDS and 1mM DTT.

Stability:

Lyophilized IBP6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IGFBP-6 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Usage:

ProsSec's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

1. Positive control for Western Blot.2. Antibody production.3. Protein Assay.

Solubility:

It is recommended to reconstitute the lyophilized Insulin-Like Growth Factor Binding Protein-6 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Introduction:

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

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