



11 Park Drive, Suite 12  
Boston, MA 02215

## Human Insulin-Like Growth Factor Binding Protein 6 (IGFBP-6)

### ORDERING INFORMATION

Catalog No: rAP-0051;

Size: 5 µg; 20 µg

Storage: <- 20° C

### Synonyms:

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

### 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.

### 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.

### Source:

*Escherichia Coli.*

### Physical Appearance:

Sterile Filtered White Lyophilized (freeze-dried) powder.

### Formulation:

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

### Solubility:

It is recommended to reconstitute the lyophilized Insulin-Like Growth Factor Binding Protein-6 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### 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.**

### Purity:

Greater than 80.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

### Applications:

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

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Fax: (480) 247-4337, [angioproteomie@gmail.com](mailto:angioproteomie@gmail.com)



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**Usage:**

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