

PRODUCT DATA SHEET

IGFBP-2 Human E. coli

Cat. No.: RD172583100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

IGFBP-2, Insulin-Like Growth Factor Binding Protein-2

Description:

Total 297 AA. MW: 32.4 kDa (calculated). UniProtKB acc. no. P18065 (Ala36-Gln325). N-terminal His-tag (7 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MHHHHHHAEEV LFRCPPTPE RLAACGPPPV APPAAVAAVA GGARMPCAEL VREPGCGCCS
VCARLEGEAC GVYTPRCGQG LRCYPHPGSE LPLQALVMGE GTCEKRRDAE YGASPEQVAD
NGDDHSEGLL VENHVDSTMN MLGGGGSAGR KPLKSGMKEL AVFREKVTEQ HRQMGKGGKH
HLGLEEPKKL RPPPARTPCQ QELDQVLERI STMRLPDERG PLEHLYSLHI PNCDKHGLYN
LKQCKMSLNG QRGECWCVNP NTGKLIQGAP TIRGDPECHL FYNEQQEARG VHTQRMQ

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, pH 7.5.

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.