

Insulin Like Growth Factor Binding Protein 1 Protein | IGFBP1 protein

Eukaryotic Insulin Like Growth Factor Binding Protein 1 (IGFBP1)

CATALOG # AAA150153	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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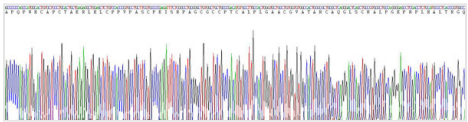
PRODUCT SYNONYMS

Insulin Like Growth Factor Binding Protein 1; Eukaryotic Insulin Like Growth Factor Binding Protein 1 (IGFBP1); IBP1; AFBP; IGF-BP25; PP12; Placental Protein 12; Amniotic Fluid Binding Protein; Alpha-Pregnancy-Associated Endometrial Globulin; Growth Hormone Independent-Binding Protein; IGFBP1 protein

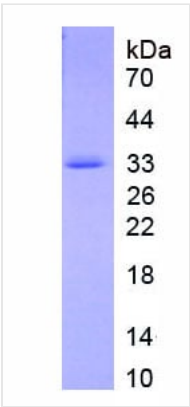
PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 5% Trehalose
Concentration	Original Concentration: 150ug/mL (varies by lot)
Applicable Applications for IGFBP1 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Eukaryotic expression
Residues	Ala26~Asn272
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequencing
Figure. Gene Sequencing (Extract



SDS-PAGE
Figure. SDS-PAGE

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      APOPH HCAPCTAERL ELCPPVPASC
PEISRPA GCG CCPTCALPLG AACGVATARC AGLSCRALP GEPRPLHALT
RGOGACVLEP AAPATSSLG SQHEEAKAAV ASEDELAESP EMTEEQLLDS
FHLMAPSRED QPILWNAIST YSSMRAREIT DLKKWKEPCQ RELYKVLRL
AAADOKAGDE IYKFYLPNCN KNIFYHKKOC ETSLDGEAGL CWCVYPWISGK
KIPGSLETRG DPNCQYFNV QN

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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for IGFBP1 protein	Tumor immunity; Endocrinology; Cardiovascular biology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148232298
NCBI GenBank Nucleotide #	NP_001088207.1
Molecular Weight	Predicted Molecular Mass: 31.3kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	insulin like growth factor binding protein 1 L homeolog

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/293f-cell-igfbp1-protein/insulin-like-growth-factor-binding-protein-1/150153>