

Insulin-like growth factor-binding protein 1 Recombinant Protein | Igfbp1 recombinant protein

Recombinant Mouse Insulin-like growth factor-binding protein 1

CATALOG # AAA113535	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Insulin-like growth factor-binding protein 1; Recombinant Mouse Insulin-like growth factor-binding protein 1; Igfbp1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	26-272aa; Full Length of Mature Protein
Sequence	APQPWHCAPC TAERLGLCPP VPASCPEISR PAGCGCCPTC ALPMGAACGV ATARCAQGLS CRALPGEPRP LHALTRGQGA CVPEPAAPAT STLFSSQHEE AKAAVVSAD E LSESP EMT EE QLLDSFHLMA PSREDQPILW NAISTYSSMR AREIADLKKW KEPCQRELYK VLERLAAAQK KAGDEIYKFY LPNCNKNNGFY HSKQCETSLD GEAGLCWC VY PWSGKKIPGS LETRGDPNCH QYFNVHN
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Igfbp1 recombinant protein	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration.
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References	cDNA cloning and mRNA expression of the six mouse insulin-like growth factor binding proteins.Schuller A.G.P., Groffen C., van Neck J.W., Zwarthoff E.C., Drop S.L.S.Mol. Cell. Endocrinol. 104:57-66(1994) Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S., Teague B., Potamouisis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009) Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C.Structure and localization of the IGFBP-1 gene and its expression during liver regeneration.Lee J., Greenbaum L., Haber B.A., Nagle D., Lee V., Miles V., Mohn K.L., Bucan M., Taub R.Hepatology 19:656-665(1994)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160358847
NCBI GeneID	16006
NCBI Accession #	NP_032367.3
NCBI GenBank Nucleotide #	NM_008341.4
UniProt Accession #	P47876; Q5SVY8; Q61732
Molecular Weight	28.9 kDa
NCBI Official Full Name	insulin-like growth factor-binding protein 1
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 1
NCBI Official Symbol	Igfbp1
NCBI Protein Information	insulin-like growth factor-binding protein 1
UniProt Protein Name	Insulin-like growth factor-binding protein 1
UniProt Gene Name	Igfbp1
UniProt Synonym Gene Names	Igfbp-1; IBP-1; IGF-binding protein 1; IGFBP-1
UniProt Entry Name	IBP1_MOUSE

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.