

Datasheet for ABIN5854662
RLBP1 Protein (AA 1-317) (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	RLBP1
Protein Characteristics:	AA 1-317
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RLBP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ALAGCPGCGA GMQTGCRGGC VEEEDAGSPA DGCTEAGGCL RREGQPCGVY SPKCAPGLQC QPRENEEAPL RALLIGQGRC QRARGPSEET TKESKPQGGA SRSRDTNHRD RQKNPRTSAA PIRPNPVQDS EMGPCRRHLD SVLQQLQTEV FRGGARGLYV PNCDLRGFYR KQQCRSSQGN RRGPCWCVDP MGQPLPVSPD GQGSTQCSAR SSGLEHHHHH H
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	RLBP1
Alternative Name:	RLBP1 (RLBP1 Products)
Background:	Igfbp6, also known as insulin-like growth factor-binding protein 6, binds insulin-like growth

Target Details

factor 1(IGF-1) and IGF-2 with high affinity and inhibits IGF action in vitro. It is a cysteine-rich protein with conserved cysteine residues, which are clustered in the amino- and carboxy-terminal thirds of the molecule. It plays a key role in the regulation of IGF bioavailability, by modulating its molecular size, capillary membrane permeability, target tissue specificity, cell membrane adherence and IGF affinity. Recombinant mouse Igfbp6, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight:	23.7kDa (221aa) 28-40kDa (SDS-PAGE under reducing conditions)
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NCBI Accession:	NP_032370
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UniProt:	P47880
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

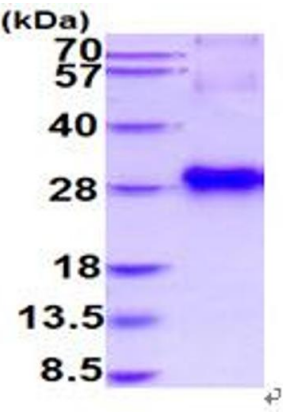
Format:	Liquid
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Concentration:	0.25 mg/mL
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Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 40 % glycerol
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
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15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.