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## Datasheet for ABIN4371608 IGFBP6 Protein (AA 26-238) (His tag)

### Overview

Quantity:	50 µg
Target:	IGFBP6
Protein Characteristics:	AA 26-238
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP6 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Mouse IGF Binding Protein 6/IGFBP-6 (C-6His)
Sequence:	ALAGCPGCGA GMQTGCRGGC VEEEDAGSPA DGCTEAGGCL RREGQPCGVY SPKCAPGLQC QPRENEEAPL RALLIGQGRC QRARGPSEET TKESKPQGGA SRSRDTNHRD RQKNPRTSAA PIRPNPVQDS EMGPCRRHLD SVLQQLQTEV FRGGARGLYV PNCDLRGFYR KQQCRSSQGN RRGPCWCVDP MGQPLPVSPD GQGSTQCSAR SSGVDHHHHH H
Characteristics:	Recombinant Mouse Insulin-like growth factor-binding protein 6 is produced with a mammalian expression system in human cells. The target protein is expressed with sequence (Ala26-Gly238) of Mouse IGFBP-6 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	IGFBP6
Alternative Name:	Insulin-Like Growth Factor-Binding Protein 6 ( <a href="#">IGFBP6 Products</a> )
Molecular Weight:	23.7 kDa
UniProt:	<a href="#">P47880</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Myometrial Relaxation and Contraction</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, EDTA, DTT, pH 7.4.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>