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Datasheet for ABIN7314864
IGFBP5 Protein (AA 20-271)

Overview

Quantity:	50 µg
Target:	IGFBP5
Protein Characteristics:	AA 20-271
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Mouse IGFBP5 Protein is produced by mammalian expression system and the target gene encoding Leu20-Glu271 is expressed
Sequence:	LGSFVHCEPC DEKALSMCPP SPLGCELVKE PGCGCCMTCA LAEGQSCGVY TERCAQGLRC LPRQDEEKPL HALLHGRGVC LNEKSYGEQT KIERDSREHE EPTTSEMAEE TYS PKVFRPK HTRISELKAE AVKKDRRKKL TQSKFVGGAE NTAHPRVIPA PEMRQESEQG PCRRHMEASL QEFKASPRMV PRAVYLPNCD RKG FYKRKQC KPSRGRKRG I CWCVDKYGMK LPGMEYVDGD FQCHAFDSSN VEHHHHHH
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Target Details

Target:	IGFBP5
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Target Details

Alternative Name: [IGFBP5 \(IGFBP5 Products\)](#)

Pathways: [WNT Signaling](#), [Carbohydrate Homeostasis](#), [Myometrial Relaxation and Contraction](#), [Regulation of Carbohydrate Metabolic Process](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Growth Factor Binding](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
