Recombinant Mouse Igfbp2 Protein, MYC/DDK-tagged

Cat. No. Igfbp2-1227M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse insulin-like growth factor binding protein 2 (Igfbp2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene is one of several similar proteins that bind insulin-like growth factors I and II (Igf-I and Igf-II). The encoded protein can be secreted into the bloodstream, where it binds Igf-I and Igf-II with high affinity, or it can remain intracellular, interacting with many different ligands. Two transcript variants, one encoding a secreted isoform and the other encoding a nonsecreted isoform, have been found for this gene.
Molecular Mass	33.3 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Igfbp2 insulin-like growth factor binding protein 2 [Mus musculus (house mouse)]
Official Symbol	Igfbp2
Synonyms	Igfbp2; insulin-like growth factor binding protein 2; IBP-2; Igfbp-2; AI255832; mIGFBP-2; insulin-like growth factor-binding protein 2; IGF-binding protein 2
Gene ID	16008
mRNA Refseq	NM_008342
Protein Refseq	NP_032368
UniProt ID	P47877

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