

Recombinant Mouse IGFBP1 Protein (26-272 aa), His-SUMO-tagged

Cat. No. IGFBP1-574M **Lot. No.** (See product label)

SPECIFICATION

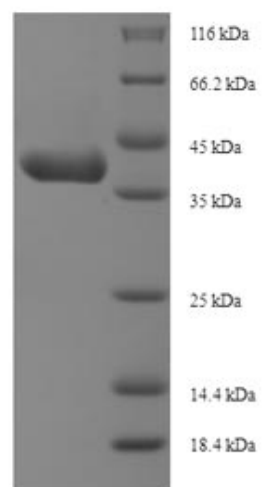
Product Overview	Recombinant Mouse IGFBP1 Protein (26-272 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	E.coli
ProteinLength	26-272 aa
Description	IGF-binding proteins 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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	42.9 kDa
AA Sequence	APQPWHCAPCTAERLGLCPPVPASCPEISRPAGCGCCPTCALPMGAACGVATARC AQGLSCRALPGEPRPLHALTRGQGACVPEPAAPATSTLFSSQHEEAKAAVVSADSL SESPEMTEEQLLDSFHLMAPSREDQPILWNAISTYSSMRAREIADLKKWKEPCQREL YKVLRLAAAQQKAGDEIYKFYLPNCNKNNGFYHYSKQCETSLDGEAGLCWCVYPWS GKKIPGSLETRGDPNCHQYFNVHN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	Igfbp1 insulin-like growth factor binding protein 1 [Mus musculus]
Official Symbol	IGFBP1
Synonyms	IGFBP1; IBP-1; IGF-binding protein 1;
Gene ID	16006
mRNA Refseq	NM_008341
Protein Refseq	NP_032367
UniProt ID	P47876



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA