

Recombinant Mus musculus Insulin-like growth factor-binding protein 1

Catalog No: #AP72612

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP72612-1 20ug #AP72612-2 100ug #AP72612-3 1mg

Description

Product Name	Recombinant Mus musculus Insulin-like growth factor-binding protein 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-272aaSequence Info:Full Length
Accession No.	P47876
Uniprot	P47876
GeneID	16006;
Calculated MW	28.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	APQPWHCAPCTAERLGLCPPVPASCPEISRPAAGCGCCPTCALPMGAACGVATARCAQGLSCRALPGEPRPL HALTRGQGACVPEPAAPATSTLFSSQHEEAKAAVVSADSESEPTEEQLLDSFHLMAPSREDQPILWNAIS TYSSMRAREIADLKKWKEPCQRELYKVLERLAAAQQKAGDEIYKLYLPNCNKNGFYHYSKQCETSLDGEAGLC WCVYPWSGKKIPGSLETRGDPNCHQYFNVHN
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 .

References

cDNA cloning and mRNA expression of the six mouse insulin-like growth factor binding proteins.Schuller A.G.P., Groffen C., van Neck J.W., Zwarthoff E.C., Drop S.L.S.Mol. Cell. Endocrinol. 104:57-66(1994)Research Topic:Others

Note: This product is for in vitro research use only