

Recombinant Mouse Insulin-like growth factor-binding protein 1(Igfbp1)

Catalog No: #AP70430

Package Size: #AP70430-1 20ug #AP70430-2 100ug #AP70430-3 1mg

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Description

Product Name	Recombinant Mouse Insulin-like growth factor-binding protein 1(Igfbp1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-272aaSequence Info:Full Length
Accession No.	P47876
Calculated MW	42.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	APQPWHCAPCTAERLGLCPPVPASCPEISRPAGCGCCPTCALPMGAACGVATARCAQGLSCRALPGEPRPL HALTRGQGACVPEPAAPATSTLFSSQHEEAKAAVVSADSESEPTEEQLLDSFHLMAPSREDQPILWNAIS TYSSMRAREIADLKKWKEPCQRELYKVLRLAAAQQKAGDEIYKFYLPNCNKNGFYHSKQCETSLDGEAGLC WCVYPWWSGKKIPGSLETRGDPNCHQYFNVHN
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

Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. , Teague B., Potamouis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.