

Recombinant Rabbit Melanotransferrin(Mfi2),partial

Catalog No: #AP70541

Package Size: #AP70541-1 20ug #AP70541-2 100ug #AP70541-3 1mg

Description

Product Name	Recombinant Rabbit Melanotransferrin(Mfi2),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-710aaSequence Info:Partial
Other Names	Membrane-bound transferrin-like protein p97; CD228
Accession No.	O97490
Calculated MW	91.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SVEVRWCTASEPEQKQKCEDMSQAFREAGLQPALLCVQGTSAHCHVQLIAAHEADAITLDGGAIEAGKEHGL KPVVGEVYDQEVGTSYYAVAVVKRSSNVTINTLRGVKSCHTGINRTVGWNPVGYLVDSGRLSVMGCDVLKA VSEYFGGSCVPGAGETRYSESLCRLCRGDTSGEGVCDKSPLEYYDYSGAFRCLAEAGADVAFVKHSTVLE NTDGRTLPSWGHMLMSRDFELLCRDGSRASVTEWQHCHLARVPAHAVVVRADTDAGLIFRLLNEGQRLFSH EGSSFQMFSSSEAYGQKNLLFKDSTLELVPIATQTYEAWLGPEYLHAMKGLLCDPNRLPPYLRWCVLSTPEIQK CGDMAVAFSRQRLKPEIQCVSAESPQHCMEQIQAGHIDAVTLNGEDIHTAGKTYGLIPAAGELYAADRSNSY FVVAVVKRDSAYFTVDELRGKRSCHPGFGSPAGWDVPVGALIHGYYIRPRNCVLTAVGQFFNASCVPVN NPKKYPSSLCALCVGDEQGRNKCTGNSQERYYGDSGAFRCLVEGAGDVAFVKHTTIFDNTNGHNPEPWAAH LRSQDYELLCPNGARAEAHQFAACNLAQIPSHAVMVRPDTNIFTVYGLLDKAQDLFGDDHNKNGFKMFDSSS YHGRDLLFKDATVRAVPVGERTTYQDWLGPDYVAALEGMQSQRCS
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

Involved in iron cellular uptake. Ses to be internalized and then recycled back to the cell mbrane. Binds a single atom of iron per subunit. Could also bind zinc .

References

Expression of membrane-bound transferrin-like protein p97 on the cell surface of chondrocyte.Kawamoto T., Pan H., Yan W., Ishida H., Usui E., Oda R., Nakamasu K., Noshiro M., Kawashima-Ohya Y., Fujii M., Shintani H., Okada Y., Kato Y.Eur. J. Biochem. 256:503-509(1998)Research
 Topic:Others

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