

Recombinant human Harmonin

Catalog No: #AP71636



Package Size: #AP71636-1 20ug #AP71636-2 100ug #AP71636-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Harmonin
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-533aaSequence Info:Full Length of Isoform 4
Other Names	Antigen NY-CO-38,NY-CO-37Autoimmune enteropathy-related antigen AIE-75Protein PDZ-73Renal carcinoma antigen NY-REN-3Usher syndrome type-1C protein
Accession No.	Q9Y6N9
Uniprot	Q9Y6N9
GeneID	10083;
Calculated MW	76.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MDRKVAREFRHKVDFLIENDA EKDYLDVLRMYHQTMDVAVLVGD LKLVINEPSRLPLFDAIRPLIPLKHQVEY DQLTPRRSRKLKEVRLDRLHPEGLGLSVRGGLEFGCGLFISHLIKGGQADSVGLQVGVDEIVRINGYSISSCTHE EVINLIRTKKTVSIKVRHIGLIPVKSSPDEPLTWQYVDQFVSESGGVRGSLGSPGNRENKEKKVFISLVGSRGLG CSISSGPIQKPGIFISHV KPGSLSAEVGLEIGDQIVEVNGVDFSNLDHKEGRELFMTDRERLAEARQRELQRQE LLMQKRLAMESNKILQEQQEMERQRKEIAQKAAEENERYRKEME QIVEEEEKFKKQWEEDWGSKEQLLLPK TITAEVHPVPLRKP KYDQGVEPELEPADDLDGGTEEQGEQDFRKYEEGFDPYSMFTPEQIMGKDVRLRIKKE GSLDLALEGGVDSPIGKVVVSAVYERGAAERHGGIVKGDEIMAINGKIVTDYTLAEAEALQKAWNQG GDWID LVVAVCPPKEYDDELTF
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

Required for normal development and maintenance of cochlear hair cell bundles. Anchoring,scaffolding protein that is a part of the functional network formed by USH1C, USH1G, CDH23 and MYO7A that mediates mechanotransduction in cochlear hair cells. Required for normal hearing .

References

Nonsyndromic recessive deafness DFNB18 and Usher syndrome type IC are allelic mutations of USH1C.Ahmed Z.M., Smith T.N., Riazuddin S., Makishima T., Ghosh M., Bokhari S., Menon P.S., Deshmukh D., Griffith A.J., Riazuddin S., Friedman T.B., Wilcox E.R.Hum. Genet. 110:527-531(2002)Research Topic:Neuroscience

Note: This product is for in vitro research use only