

Recombinant human Dihydropyrimidinase-related protein 1

Catalog No: #AP73059

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Package Size: #AP73059-1 20ug #AP73059-2 100ug #AP73059-3 1mg

Description

Product Name	Recombinant human Dihydropyrimidinase-related protein 1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-572aaSequence Info:Full Length
Other Names	Collapsin response mediator protein 1 ;CRMP-1Unc-33-like phosphoprotein 3 ;ULIP-3
Accession No.	Q14194
Uniprot	Q14194
GeneID	1400;
Calculated MW	64.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MSYQGKKSIPHITSDRLLIKGGRIINDDQSLYADVYLEDGLIKQIGENLIVPGGVKTEANGRMVIPGGIDVNTYLQ KPSQGMTAADDFFQGTRAALVGGTTMIIDHVVPEPGSSLLTSFEKWHEAADTKSCCDYSLHVDITSWYDGVR EELEVLVQDKGVNSFQVY MAYKD VYQMSDSQLYEAFTFLKGLGAVILVHAENGDLIAQEQRILEMGITGPEG HALSRPEELEAEAVFRAITAGRINCPVYITKVMKSAADIIALARKKGPLVFGEPIAASLGTGTHYWSKNWAK AAAFVTSPLSPDPTTPDYLTSLACGDLQVTGSGHCPYSTAQKAVGKDNFTLIPEGVNGIEERMTVVWDKAV ATGKMDENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVVIWDPDKLTKITAKSHKSAVEYNIFEGMECHGSPL VVISQKIVFEDGNINVNKMGGRFIPRKAFPEHL YQRVKIRNKVFGLQGVS RGMVDGPVYEV PATPKYATPAP SAKSSPSKHQPPPIRNLHQS NFSLSGAQIDDNNPRRTGHRIVAPPGGRSNITSLG
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

Necessary for signaling by class 3 saphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. May participate in cytokinesis.

References

A novel gene family defined by human dihydropyrimidinase and three related proteins with differential tissue distribution.Hamajima N., Matsuda K., Sakata S., Tamaki N., Sasaki M., Nonaka M.Gene 180:157-163(1996)Research Topic:Neuroscience

Note: This product is for in vitro research use only