

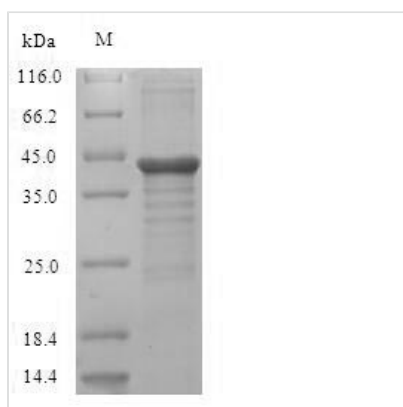


Recombinant Human Protein unc-119 homolog A(UNC119)

Product Code	CSB-EP622658HU
Relevance	Involved in synaptic functions in photoreceptor cells, the signal transduction in immune cells as a Src family kinase activator, endosome recycling, the uptake of bacteria and endocytosis, protein trafficking in sensory neurons and as lipid-binding chaperone with specificity for a diverse subset of myristoylated proteins. Specifically binds the myristoyl moiety of a subset of N-terminally myristoylated proteins and is required for their localization. Binds myristoylated GNAT1 and is required for G-protein localization and trafficking in sensory neurons. Probably plays a role in trafficking proteins in photoreceptor cells. Plays important roles in mediating Src family kinase signals for the completion of cytokinesis via RAB11A.
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.
Uniprot No.	Q13432
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Retinal protein 4 Short name: hRG4
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MKVKKGGGGAGTATESAPGPSGQSVAPIQPPAESESGSESEPDAGPGPRP GPLQRKQPIGPEDVLGLQRITGDYLCSPENIYKIDFVRFKIRDMDSGTVLFEIK KPPVSERLPINRRDLDPNAGRFRVRYQFTPAFLRLRQVGATVEFTVGDKPVNNF RMIERHYFRNQLLKSFDHFHGF CIPSSKNTCEHIYDFPPLSEELISEMIRHPYET QSDSFYFVDDRLVMHNKADYSYSGTP
Research Area	Neuroscience
Source	E.coli
Gene Names	UNC119
Expression Region	1-240aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	43.0kDa
Protein Description	Full Length



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.