

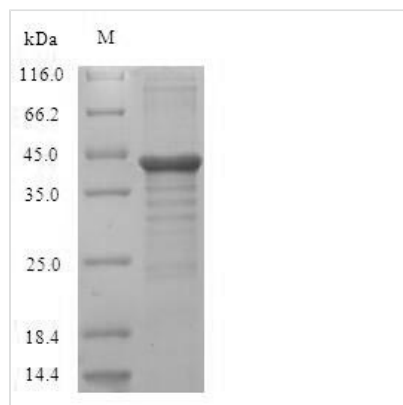


Recombinant Human Protein unc-119 homolog A (UNC119)

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.
Abbreviation	Recombinant Human UNC119 protein
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
Alias	Retinal protein 4 Short name: hRG4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MKVKKGGGGAGTATESAPGPSGQSVAPIQPPAESESGSESEPDAGPGPRP GPLQRKQPIGPEDVLGLQRITGDYLCSPREENIYKIDFVRFKIRDMDSGTVLFEIK KPPVSERLPINRRDLDPNAGRFRVRYQFTPAFLRLRQVGATVEFTVGDKPVNNF RMIERHYFRNQLLKSFDHFHFGFCIPSSKNTCEHIYDFPPLSEELISEMIRHPYET QSDSFYFVDDRLVMHKNKADYSYSGTP
Research Area	Neuroscience
Source	E.coli
Target 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 Length	Full Length



Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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