

Recombinant Human UNC119 Protein (1-240 aa), His-SUMO-tagged

Cat. No. UNC119-1990H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UNC119 Protein (1-240 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-240 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	43.0 kDa

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AA Sequence	MKVKKGGGGAGTATESAPGPSGQSVAPIQPPAESESGSESEPDAGPGPRPGPLQ RKQPIGPEDVLGLQRITGDYLCSPENIYKIDFVRFKIRDMDSGTVLFEIKKPPVSERL PINRRDLDPNAGRFRVRYQFTPAFLRLRQVGATVEFTVGDKPVNNFRMIERHYFRNQ LLKSFDHFHFGFCIPSSKNTCEHIYDFPPLSEELISEMIRHPYETQSDSFYFVDDRLVM HNKADYSYSGTP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	UNC119 unc-119 homolog (C. elegans) [Homo sapiens]
Official Symbol	UNC119
Synonyms	UNC119; HRG4; POC7; POC7A; retinal protein 4;
Gene ID	9094
mRNA Refseq	NM_005148
Protein Refseq	NP_005139

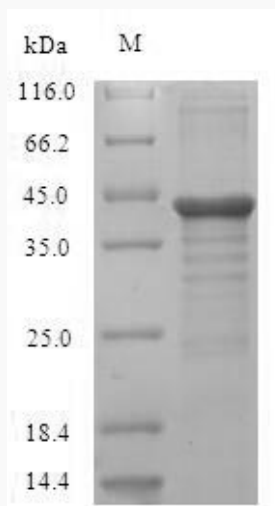
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UniProt ID

Q13432



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

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