

Recombinant Human UNC119 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UNC119-3048H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UNC119 MS Standard C13 and N15-labeled recombinant protein (NP_005139) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is specifically expressed in the photoreceptors in the retina. The encoded product shares strong homology with the <i>C. elegans</i> unc119 protein and it can functionally complement the <i>C. elegans</i> unc119 mutation. It has been localized to the photoreceptor synapses in the outer plexiform layer of the retina, and suggested to play a role in the mechanism of photoreceptor neurotransmitter release through the synaptic vesicle cycle. Two transcript variants encoding different isoforms have been described for this gene.
Molecular Mass	27 kDa
AA Sequence	MKVKKGGGGAGTATESAPGPSQSVAPIQPPAESESGSESEPDAGPGPRPGPLQ RKQPIGPEDVLGLQRITGDYLCSPENIYKIDFVRFKIRDMDSGTVLFEIKKPPVSERL PINRRDLDPNAGRFRVRYQFTPAFLRLRQVGATVEFTVGDKPVNNFRMIERHYFRNQ LLKSFDHFHFGFCIPSSKNTCEHIYDFPPLSEELISEMIRHPYETQSDSFYFVDDRLVM HNKADYSYSGTPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

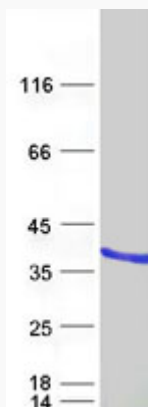
GENE INFORMATION

Gene Name	UNC119 unc-119 lipid binding chaperone [Homo sapiens (human)]
Official Symbol	UNC119
Synonyms	UNC119; unc-119 homolog (C. elegans); unc119 (C.elegans) homolog; protein unc-119 homolog A; HRG4; POC7; POC7 centriolar protein homolog A (Chlamydomonas); POC7A; retinal protein 4; POC7 centriolar protein homolog A;
Gene ID	9094
mRNA Refseq	NM_005148
Protein Refseq	NP_005139
MIM	604011
UniProt ID	Q13432

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SDS-PAGE

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