



# Recombinant Human Protein unc-119 homolog A (UNC119)

<b>Product Code</b>	CSB-YP622658HU
<b>Abbreviation</b>	UNC119
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q13432
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKVKKGGGGA GTATESAPGP SGQSVAPIPQ PPAEESGSE SEPDAGPGPR PGPLQRKQPI GPEDVLGLQR ITGDYLC SPE ENIYKIDFVR FKIRDMDSGT VLFEIKKPPV SERLPINRRD LDPNAGR FVR YQFTPAFLRL RQVGATVEFT VGDKPVNNFR MIERHYFRNQ LLKSFDFHFG FCIPSSKNTC EHIYDFPPLS EELISEMIRH PYETQSDSFY FVDDRLVMHN KADYSYSGTP
<b>Source</b>	Yeast
<b>Target Names</b>	UNC119
<b>Protein Names</b>	Recommended name: Protein unc-119 homolog A Alternative name(s): Retinal protein 4 Short name= hRG4
<b>Expression Region</b>	1-240
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene is specifically expressed in the photoreceptors in the retina. The encoded product shares strong homology with the C. elegans unc119 protein and it can functionally complement the C. elegans 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.
<b>Reconstitution</b>	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.



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