

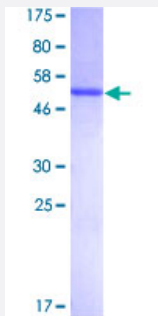
Full-Length

# UNC119 (Human) Recombinant Protein (P01)

Catalog # H00009094-P01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human UNC119 full-length ORF ( AAH27176.1, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MKVKKGGGGAGTATESAPGPSGQSVAPIQPPAESESGSESEPDAGPGPRPGPLQRKQPIGPE DVLGLQRITGDYLCSPENIYKIDFVRFKIRDMSGTVLFEIKKPPVSERLPINRRDLDPNAGRFRVRY QFTPAFLRLRQVGATVEFTVGDKPVNNFRMIERHYFRNQLLKSFDFHFGFCIPSSKNTCEHIYDFP PLSEELISEMIRHPYETQSDSFYFVDDRLVMHNKADYSYSGTP
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	52.14
<b>Interspecies Antigen Sequence</b>	Mouse (91); Rat (92)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — UNC119

Entrez GeneID [9094](#)

GeneBank Accession# [BC027176](#)

Protein Accession# [AAH27176.1](#)

Gene Name UNC119

Gene Alias HRG4

Gene Description unc-119 homolog (C. elegans)

Omim ID [604011](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** retinal protein 4|unc119 (C.elegans) homolog|unc119 homolog

## Disease

- [Retinal Diseases](#)