

Recombinant Human Unc-119 Homolog B (*C. elegans*), His-tagged

Cat. No. UNC119B-1398H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UNC119B protein, fused to His-tag atN-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques.
Species	Human
Source	<i>E.coli</i>
Description	UNC119B belongs to the PDE6D/unc-119 family. This protein is enriched in the photoreceptors of the retina. It shares strong homology with the <i>C.elegans</i> unc119 protein and it can functionally complement the <i>C. elegans</i> unc119 mutation gene. The mammalian multisubunit photoreceptor cGMP phosphodiesterase PDE alpha beta gamma 2 (PDE6 family) is a peripherally membrane-associated enzyme.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 100mM NaCl.
Molecular Weight	30.3 kDa(271aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS-PAGE
Concentration	0.5mg/ml (determined by Bradford assay)
Sequences of aminoacids	MGSSHHHHHSSGLVPRGSH MSGSNPKAAA AASAAGPGGL VAGKEEKKA GGGVLNRLKA RRQAPHHAADDGVGA AVTEQ ELLALDTIRP EHVLR LSRVT

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ENYLCKPEDN IYSIDFTRFK IRDLETGTVL FEIAKPCVSDQEEDEEEGGG
 DVDISAGRFV RYQFTPAFLR LRTVGATVEF TVGDKPVSNF RMIERHYFRE
 HLLKNFDFDFGFCIPSSRNT CEHIYEFQQL SEDVIRLMIE NPYETRSDSF
 YFVDNKLIMH NKADYAYNGG Q

Storage

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

OfficialSymbol

UNC119B

GENE INFORMATION
Gene Name

UNC119Bunc-119 homolog B (*C. elegans*) [*Homo sapiens*]

Synonyms

UNC119B; unc-119 homolog B (*C. elegans*); POC7B;MGC5139; protein unc-119 homolog B; OTTHUMP00000240401;POC7 centriolar protein homolog B; Protein unc-119 homolog B; unc119 (*C. elegans*) homolog B; POC7centriolar protein homolog B(*Chlamydomonas*); POC7 centriolar protein homologB; unc119 homolog B

Gene ID

84747

mRNA Refseq

NM_001080533

Protein Refseq

NP_001074002

UniProt ID

A6NIH7

**Chromosome
Location**

12q24.31

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