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**Product Data Sheet**


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Product Name: UNC119B Human  
 Cat. No.: GP24955  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Unc-119 homolog B (C. elegans); POC7B; POC7 centriolar protein homolog B; MGC5139.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSGSNPKAAA AASAAGPGGL VAGKEEKKA GGGVLNRLKA RRQAPHHAAD DGVGAAVTEQ ELLALDTIRP EHVLRSLRVT ENYLCKPEDN IYSIDFTRFK IRDLETGTVL FEIAKPCVSD QEEDEEEGGG DVDISAGRFV RYQFTPAFLR LRTVGATVEF TVGDKPVSNF RMIERHYFRE HLLKNFDFDF GFCIPSSRNT CEHIYFPQL SEDVIRLMIE NPYETRSDSF YFVDNKLIMH NKADYAYNGG Q		
Formulation	The UNC119B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.		

**Introduction**

UCN119B is a member of the PDE6D/unc-119 family. UCN119B has a large number of photoreceptors of the retina. Additionally, UCN119B has a strong homology with the C. elegans unc119 and is able to functionally complement the C. elegans unc119 mutation gene.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

UNC119B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 271 amino acids (1-251) and having a molecular mass of 30.3kDa. UNC119B is fused to a 20 amino acid His-tag at N-terminus & purified by

**Caution: Product has not been fully validated for medical applications. For research use only.**

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proprietary chromatographic techniques.

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