

Product information

UNC119B, 1-251aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1398

Full name: Protein unc-119 homolog B

NCBI Accession No.: NP_001074002

Synonyms: POC7B

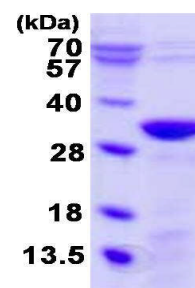
Description: UCN119B (Protein unc-119 homolog B) belongs to the PDE6D/unc-119 family. This protein is enriched in the photoreceptors of the retina. It shares strong homology with the *C. elegans* unc119 protein and it can functionally complement the *C. elegans* unc119 mutation gene. The mammalian multisubunit photoreceptor cGMP phosphodiesterase PDE alpha beta gamma 2 (PDE6 family) is a peripherally membrane-associated enzyme. Recombinant human UNC119B protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl

Molecular Weight: 30.3kDa (271aa), confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MSGSNPKAAA AASAAGPGGL VAGKEEKKA GGGVLNRLKA RRQAPHHAAD DGVGAAVTEQ ELLALDTIRP
EHVLRLSRVT ENYLCKPEDN IYSIDFTRFK IRDLETGTVL FEIAKPCVSD QEEDDEEGGG DVDISAGRFV RYQFTPAFLR LRTVGATVEF
TVGDKPVSNF RMIERHYFRE HLLKNFDFDF GFCIPSSRNT CEHIYEFPQL SEDVIRLMIE NPYETRSDSF YFVDNKLIMH NKADYAYNGG
Q

General references:

Li N, *et al.* (1998) *Genomics*. 49(1):76-82.

Ota T., *et al.* (2004) *Nat. Genet.* 36:40-45

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

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.