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UNC119B, 1-251aa, Human, His tag, E.coli

产品货号: TP04429

第三版

别名:Protein unc-119 homolog B, POC7B

**描述:**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.

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

**分子量:**30.3kDa (271aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMSGSNPKAAAAASAAGPGGLVAGKEEKKKAGGGVLNRLKARRQAPHHAADDGVGAA  
VTEQELLALDTIRPEHVLRLSRVTENYLCKPEDNIYSIDFTRFKIRDLETGTVLFEIAKPCVSDQEEDEEEGGGDVDISAGRFV  
RYQFTPAFLRLRTVGATVEFTVGDKPVSNFRMIERHYFREHLLKNFDFDFGFCIPSSRNTCEHIYEFQLSEDEVIRLMIENPYE  
TRSDSFYFVDNKLIMHNKADYAYNGGQ

**纯度:**> 95% by HPLC

**浓度:**0.5mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.