

## Product datasheet for TP502960

### Unc119 (NM\_011676) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse unc-119 lipid binding chaperone (Unc119), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202960 protein sequence Red=Cloning site Green=Tags(s)

MKVKKGGGGTGSGAEPVPGASNRSAEPTREPGAEAESGSESEPEPGPGPRLGPLQKGKQPIGPEDVGLLQR  
ITGDYLCSPENIYKIDFVRFKIRDMDSGTVLFEIKKPPVSERLPINRRDLDPNAGRFVRYQFTPAFLRL  
RQVGATVEFTVGDKPVNNFRMIERHYFRNQLLKSFDHFGFCIPSSKNTCEHIYDFPPLSEELISEMIRH  
PYETQSDSFYFVDDRLVMHNKADYSYSGTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	27 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_035806</a>
Locus ID:	22248
UniProt ID:	<a href="#">Q9Z2R6</a> , <a href="#">Q3V299</a>
RefSeq Size:	1319



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**Cytogenetics:** 11 46.74 cM

**RefSeq ORF:** 723

**Synonyms:** D11Bhm52; HRG; HRG4; MRG; MRG4; Rg; Rg4; Rtg; Rtg4; UNC11; Unc119h

**Summary:** The protein encoded by this gene is multifunctional, affecting trafficking of transducin in rod photoreceptors, interacting with src-type tyrosine kinases through SH2 and SH3 interacting domains, and aiding the uptake of bacteria through endocytosis. In addition, the encoded protein acts as a lipid-binding chaperone to help localize some myristoylated proteins correctly. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]