

Product datasheet for PH319902

UNC119B (NM_001080533) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UNC119B MS Standard C13 and N15-labeled recombinant protein (NP_001074002)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219902
Predicted MW:	28 kDa
Protein Sequence:	>RC219902 representing NM_001080533 Red=Cloning site Green=Tags(s) MSGSNPKAAAAASAAGPGGLVAGKEEKKKAGGGVLNRLKARRQAPHHAADDGVGA AVTEQELLALDTIRP EHLRLSRVTENYLCKPEDNIYSIDFTRFKIRDLETGTVLFEIAKPCVSDQEEDEEEGGDVIDISAGRFV RYQFTPAFLRLRTVGATVEFTVGDKPVSNFRMIERHYFREHLLKNFDFDFGFCIPSSRNTCEHIYEFPL SEDVIRLMIENPYETRSDSFYFVDNKLIMHNKADYAYNGGQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001074002
RefSeq Size:	4811
RefSeq ORF:	753
Synonyms:	POC7B
Locus ID:	84747
UniProt ID:	A6NIHZ , Q69YW6

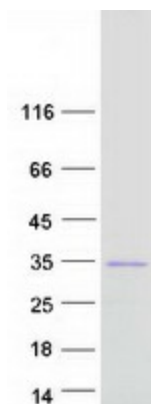


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Cytogenetics: 12q24.31

Summary: Myristoyl-binding protein that acts as a cargo adapter: specifically binds the myristoyl moiety of a subset of N-terminally myristoylated proteins and is required for their localization. Binds myristoylated NPHP3 and plays a key role in localization of NPHP3 to the primary cilium membrane. Does not bind all myristoylated proteins. Probably plays a role in trafficking proteins in photoreceptor cells.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified UNC119B protein (Cat# [TP319902]). The protein was produced from HEK293T cells transfected with UNC119B cDNA clone (Cat# [RC219902]) using MegaTran 2.0 (Cat# [TT210002]).