

Product datasheet for TP501520

Arf6 (NM_007481) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ADP-ribosylation factor 6 (Arf6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201520 protein sequence Red =Cloning site Green =Tags(s)
	 MGKVLISKIFGNKEMRILMLGLDAAGKTTILYKLLKLGQSVTTIPTVGFNVETVYKNVKFNVWDVGGQDKI RPLWRHYTGTQGLIFVDCADRDRIDEARQELHRIINDREMRDAIILIFANKQDLDPDAMKPHEIQEKLK LTRIRDRNWYVQPSCATSGDGLYEGLTWLTSNYKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.1 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:	<u>NP_031507</u>
Locus ID:	11845
UniProt ID:	<u>P62331</u> , <u>Q3U0D7</u>
RefSeq Size:	3740
Cytogenetics:	12 C2



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RefSeq ORF: 528

Synonyms: AI788669; AW496366

Summary: GTP-binding protein involved in protein trafficking that regulates endocytic recycling and cytoskeleton remodeling (PubMed:11950392). Required for normal completion of mitotic cytokinesis. Involved in the regulation of dendritic spine development, contributing to the regulation of dendritic branching and filopodia extension. Plays an important role in membrane trafficking, during junctional remodeling and epithelial polarization. Regulates surface levels of adherens junction proteins such as CDH1 (PubMed:29420262, PubMed:20080746). Required for NTRK1 sorting to the recycling pathway from early endosomes (By similarity).[UniProtKB/Swiss-Prot Function]