

Product datasheet for TP519863

Brk1 (NM_133937) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse BRICK1, SCAR/WAVE actin-nucleating complex subunit (Brk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219863 representing NM_133937 Red=Cloning site Green=Tags(s)
	MAGQEDPVQREIHQDWANREYIEITSSIKKISDFLNSFDMSCRSRLATLNEKLTALERRIEYIEARVTK GETLT
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	9.2 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:	NP_598698
Locus ID:	101314
UniProt ID:	Q91VR8
RefSeq Size:	1110
Cytogenetics:	6 E3
RefSeq ORF:	225



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Synonyms: 6720456B07Rik; AW011779

Summary: Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex (By similarity). As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (PubMed:27605705).[UniProtKB/Swiss-Prot Function]