

Recombinant Mouse Brk1 Protein, MYC/DDK-tagged

Cat. No. Brk1-178M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse BRICK1, SCAR/WAVE actin-nucleating complex subunit (Brk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes.
Molecular Mass	9.2 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name Brk1 BRICK1, SCAR/WAVE actin-nucleating complex subunit [Mus musculus (house mouse)]

Official Symbol Brk1

Synonyms Brk1; BRICK1, SCAR/WAVE actin-nucleating complex subunit; AW011779; 6720456B07Rik; protein BRICK1; probable protein BRICK1

Gene ID 101314

mRNA Refseq NM_133937

Protein Refseq NP_598698

UniProt ID Q91VR8

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