

Product datasheet for **PH300804**

C3orf10 (BRK1) (NM_018462) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C3orf10 MS Standard C13 and N15-labeled recombinant protein (NP_060932)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200804
Predicted MW:	8.7 kDa
Protein Sequence:	>RC200804 protein sequence Red =Cloning site Green =Tags(s) MAGQEDPVQREIHQDWANREYIEIITSSIKKIADFLNSFDMSCRSRLATLNEKLTALERRIEYIEARVTK GETLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_060932
RefSeq Size:	1197
RefSeq ORF:	225
Synonyms:	C3orf10; hHBrk1; HSPC300; MDS027
Locus ID:	55845
UniProt ID:	Q8WUW1
Cytogenetics:	3p25.3

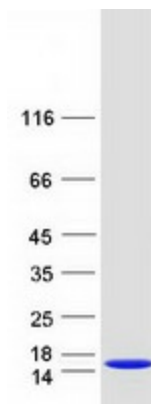


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Summary: Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes (By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

Protein Pathways: Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified BRK1 protein (Cat# [TP300804]). The protein was produced from HEK293T cells transfected with BRK1 cDNA clone (Cat# [RC200804]) using MegaTran 2.0 (Cat# [TT210002]).