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Product datasheet for TP520983

Efhc1 (NM_027974) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse EF-hand domain (C-terminal) containing 1 (Efhc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220983 representing NM_027974 Red=Cloning site Green=Tags(s) MGTNPVHGLPFLPGSSFTDSTKTAFHRSQTLNYRNGYAVVRRPTMGIGGDRLHYNQLSQAELDELANKA P ILTYGPLKQAPLAEFVPAHVAFDKKVLKFSAYFQEDVPISMEEHYRIRHVNIYYYLEDDSMSVIEPVVEN SGIPQGKLIKRQRFTKNDMGDHYHWKDLNRGINLTVYGKTFRIVDCDRFTQDFLESQGIELNPSEKIPLD PYTQLRKEPVRKYVTPSDFDQLKQFLTFDKQVLRFYAIWDDTDSLFGECRHYIIHYYLMDDTVEIREVHE RNNGRDPFPLLMNRQRMPKVLVENAKNFPKCVLEISDQEVLEWYTAKDFIVGKPLTILGRTFFIYDCDPF TRQFYKDKFGMPDLPPVDVTKKEPPPVKQELPPYNGYGLIEDSAQNCFALIPKAPRKDVVKMLMNDNKV L RYLAALESPIPEDKDRRFVFSYFLATDMISIFEPPVRNSGIIGGKFLGRTKVVKSFSPVDNPIYYSPSDF FIGAVIEVFGHRFVILDTDEYVLKYMESNASQYSPEALASIQNRIQKPELPAPELESKQATGEPMVQGTE ESKVQDLDALIDQIHMHLKYNSCKENLRETFQMYDKDESGYVDRETFFKICETLNVPVDDSLIKELIRLC THGEGRINYYNFVRAFSN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	75.1 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.

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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_082250
Locus ID:	71877
UniProt ID:	Q9D9T8
RefSeq Size:	2208
Cytogenetics:	1 A4
RefSeq ORF:	1944
Synonyms:	1700029F22Rik; mRib72-1; myoclonin1
Summary:	Microtubule-associated protein which regulates cell division and neuronal migration during cortical development. Necessary for mitotic spindle organization. Necessary for radial and tangential cell migration during brain development, possibly acting as a regulator of cell morphology and process formation during migration (By similarity). May enhance calcium influx through CACNA1E and stimulate programmed cell death. Overexpression of EFHC1 in hippocampal primary culture neurons induced apoptosis.[UniProtKB/Swiss-Prot Function]