

Product datasheet for **TP515793**

Efhb (NM_172497) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse EF hand domain family, member B (Efhb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR215793 representing NM_172497
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MCSFVRVGGSPKPLQTSASPLEMSSLRRTAPEISELGLTPEQKDDIRDRVLRGSKSPTELGFDLRLEQDR
KWRERMGSSEAKSPPCHALGVGLERHTISGTPTEMGNLGLHKGSFQGSKPLGVLPGRVGPENKGLPPRL
RYGGTLHPPFSTVHASPLAAESRRRPLAWGSAWTDAAVEKQPVVGLELRKEPEKEPTCVMNPNPEMPPK
EVDIGLPQTQESDEAKNTEPLIGLVREPSECPFAQQPEEKKEPGSTEPGVEPPGNIRPIYSGKFFDRVPC
WPSAGKVKPVGYRVATCLTEKLPRMTPPEAKKYFNFRYPPAGAERVFYGRANDPQIAPYLTHGLRSKIS
IPMGLINPQPITTFQQKIKDKKESIYFSHQRAPLGKSHDQTPGLPKGMDVINTTLGTPTIRESLVRDVT
NPSKSFEDVLKEGQEGHDLYTVSHNDYFAGEAKNRKYNPASFRFNLYGIPTPHFNDGRTMAKALHWLHE
LQMERGAKIVSKRVDDFKEKFQHKLGKVLDPPIAETMNVPPGHFTFGSCLHPEEYAGDLIHYRSPDEYLGR
KDHQRAVAAARHHLKFNHQNFDLQVAFRHYDKKGDVIDRAELHEACVQANLHLDKMLLDHLFDYCD
VDQDGLINYLEFANFLNWKDRIPLKEHEKRVVVKGKKPDCENVTDTSMGAEPSLLINPEDIVPKEPGSS
EETLRTIQRPGDKVSHQYKTTSEINAVVGAVPSMCHPIFGVPTIRSDISAPRIRRVSDMNNYGDEGNAY
SLLHPSIFSQKGVFERDFFKTRSKEEISDILTNIQVSKSKEEFENVWNLASKKHQRGEVCVETIRNVLDE
LLHADLVKCKTAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	95.7 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.



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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_766085
Locus ID:	211482
UniProt ID:	Q8CDU5
RefSeq Size:	2661
Cytogenetics:	17 C
RefSeq ORF:	2559
Synonyms:	4921525D22Rik
Summary:	Cytosolic sensor for calcium, modulates the interaction of STIM1 and ORAI1 upon store depletion, the activation of store-operated Ca(2+) entry (SOCE) and NFAT translocation from cytosol to nucleus.[UniProtKB/Swiss-Prot Function]