

Product datasheet for **TP307068L**

EFHB (NM_144715) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human EF-hand domain family, member B (EFHB), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207068 protein sequence Red =Cloning site Green =Tags(s)

MEPRQEMEKESTCVLMKPNTTEIKLPVEVDIGLTQAEGPDETKNTEPQMGLVIEPPQCQFAQQHEQRKEA
G
NIESGVEPPDIRPIYSGKFFDRTPCWPSAGKVIPVGYRVATCLTEKLPRITPPEAKKYFNFRYPAGV
ERVFYGRANDPQIAPYLTHGIRSKISILANTLINPQITTFQQKIKDKKESIYLSNRRAPLGKSHDQAPG
LPKGMDDTINTTGTAVIKEYSAKDVNPPKSYEEVFKEGNEGHDLVYVSHNDYYAGEAKNRKYNPSSFHR
CSVYGVPTPHFNDGRAMAKSLYWLHELQMKRGAKFVSKRADDFFEKFQHKLGRLVDPIAETMNVPPDC
TF
GACLRPEEYGVGDLIHNRLPDEYLRGKDRQRALIAAVRHHLKKVNYQKFDTLAAFRHYDKKGDGMIDKD
ELQEACDQANLSLDDKLLDQLFDYCDVDNDGFINYLEFANFLNWKDKMLLKEYEERVIKGRKPDCVNPT
EANVEEPEQTLLIKPEDIVLKEAGSTEKTLRTLLRPSDKVSNNYKTSSEINAIVGAIPSTCYPICGVPT
IRSDIPAPRIRISDRNTNYGEEGSAYSLLYPTIFARKGVFERDFFKTRSKEEIAEILCNIGVKLSDEEFE
NWNWLASKKHHRGEVCVENIRNVLDLRLHADRIKCKTLM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

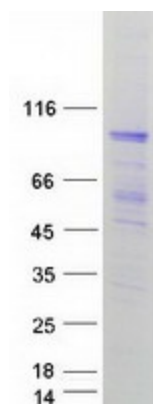
Tag:	C-Myc/DDK
Predicted MW:	93.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_653316
Locus ID:	151651
UniProt ID:	Q8N7U6
RefSeq Size:	2857
Cytogenetics:	3p24.3
RefSeq ORF:	2007
Synonyms:	CFAP21
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]

Product images:



Coomassie blue staining of purified EFHB protein (Cat# [TP307068]). The protein was produced from HEK293T cells transfected with EFHB cDNA clone (Cat# [RC207068]) using MegaTran 2.0 (Cat# [TT210002]).