

Recombinant Human EFHC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EFHC1-1731H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EFHC1 MS Standard C13 and N15-labeled recombinant protein (NP_060570) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an EF-hand-containing calcium binding protein. The encoded protein likely plays a role in calcium homeostasis. Mutations in this gene have been associated with susceptibility to juvenile myoclonic epilepsy and juvenile absence epilepsy. Alternatively spliced transcript variants have been described.
Molecular Mass	73.9 kDa
AA Sequence	MVSNPVHGLPFLPGTSFKDSTKTAFHRSQTLSTYRNGYAIVRRPTVGIGGDRLQFNQL SQAELDELASKAPVLTYGQPKQAPPADFIPAHVAFDKKVLKFDAYFQEDVPMSTEEQ YRIRQVNIYYYLEDDSMSVIEPVVENSILQGLIKRQRLAKNDRGDHYHWKDLNRGI NITIYGKTRFVDCDQFTQVFLESQGIELNPPEKMALDPYTELRKQPLRKYVTPSDFD QLKQFLTFDKQVLRFYAIWDDTDSMYGECRTYIIHYYLMDDTVEIREVHERNDGIDPF PLLMNRQRVPKVLVENAKNFPQCVLEISDQEVLEWYTAKDFIVGKSLTILGRFTFFIYD CDPFTRRYKKEKFGITDLPRIDVSKREPPPVKQELPPYNGFGLVEDSAQNCFALIPKA PKKDVIMLVNDNKVLRYLAVLESPIPEDKDRRFVFSYFLATDMISIFPPVRNSGIIG GKYLGRTKVVKPYSTVDNPVYYGPSDFFIGAVIEVFGHRFIILDTDEYVLKYMESNAA

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QYSPEALASIQNHVRKREAPAPEAESKQTEKDPGVQELEALIDTIQKQLKDHSCKDNI
REAFQIYDKEASGYVDRDMFFKICESLNVPVDDSLVKELLRMC SHGEGKINYNFVR
AFSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EFHC1 EF-hand domain containing 1 [Homo sapiens (human)]

Official Symbol EFHC1

Synonyms EFHC1; EF-hand domain (C-terminal) containing 1; EF-hand domain-containing protein 1; myoclonin-1; dJ304B14.2; FLJ10466; FLJ37290;

Gene ID 114327

mRNA Refseq NM_018100

Protein Refseq NP_060570

MIM 608815

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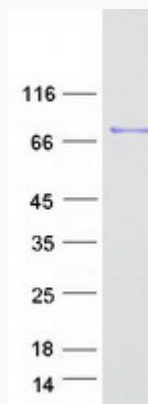
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UniProt ID

Q5JVL4

SDS-PAGE

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