

Recombinant Full Length Human EFHC1 Protein, C-Flag-tagged

Cat. No. EFHC1-1729HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human EFHC1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	73.8 kDa
AA Sequence	MVSNPVHGLPFLPGTSFKDSTKTAFHRSQTLNRYAIVRRPTVGIGGDRLQFNQL SQAELDELASKAP VLTYGQPKQAPPADFIPAHVAFDKKVLKFDAYFQEDVPMSTEE QYRIRQVNIYYLEDDSMSVIEPVVEN SGILQGKLIKRLAKNDRGDHYHWKDLNR GINITIYGKTRVVDQCDQFTQVFLESQGIELNPPEKMALD PYTELKQPLRKYVTPSD FDQLKQFLTFDKQVLRFYAIWDDTDSMYGECRTYIIHYYLMDDTVEIREVHE RNDGI DPFPLLMNRQRPVKVLVENAKNFPQCVLEISDQEVLEWYTAKDFIVGKSLTILGRTFF IYDCDPF TRYYYKEKFGITDLPRIDVSKREPPPVKQELPPYNGFGLVEDSAQNCFALI PKAPKKDVIKMLVNDNKVL RYLAVLESPIPEDKDRRFVFSYFLATDMISIFPPVRNS

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GIIGGKYLGR TKVVKPYSTVDNPVYYGPSDF FIGAVIEVFGHRFIILDTDEYVLKYMES
 NAAQYSPEALASIQNHV RKREAPAPEAESKQTEKDPGVQELE ALIDTIQKQLKDHSC
 KDNIREAFQIYDKEASGYVDRDMFFKICESLNVPVDDSLVKELLRMCSHGEGKIN
 YYNFVRAFSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	EFHC1 EF-hand domain containing 1 [Homo sapiens (human)]
Official Symbol	EFHC1
Synonyms	EJM1; POC9; RIB72; dJ304B14.2
Gene ID	114327
mRNA Refseq	NM_018100.4

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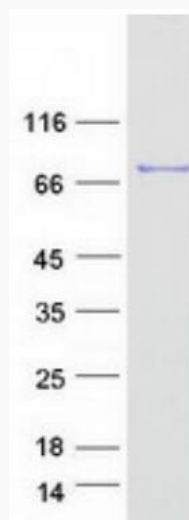
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Protein Refseq NP_060570.2

MIM 608815

UniProt ID Q5JVL4



Coomassie blue staining of purified EFHC1 protein.

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