

Recombinant Full Length Human EFHC1 Protein, GST-tagged

Cat. No. EFHC1-4211HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFHC1 full-length ORF (AAH20210.1, 1 a.a. - 640 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	640 amino acids
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. [provided by RefSeq, Feb 2010]
Molecular Mass	100.3 kDa
AA Sequence	MVSNPVHGLPFLPGTSFKDSTKTAFHRSQTLSTYRNGYAIVRRPTVGIGGDRLQFNQL SQAELDELASKAPVLTYGQPKQAPPADFIPAHVAFDKKVLKFDAYFQEDVPMSTEEQ YRIRQVNIYYYLEDDSMSVIEPVVENSILQGLIKRQRLAKNDRGDHYHWKDLNRGI NITIYGKTRFVVDQFTQVFLESQGIENPPEKMALDPYTELRKQPLRKYVTPSDFD QLKQFLTQDKQVLRFYAIWDDTDSMYGECRTYIIHYLLMDDTVEIREVHERNDGIDPF PLLMNRQRVPKVLVENAKNFPQCVLEISDQEVLEWYTAKDFIVGKSLTILGRFTFFIYD CDPFTRRYEKEKFGITDLPRIDVSKREPPPVKQELPPYNGFGLVEDSAQNCFALIPKA PKKDVIMLVNDNKVLRYLAVLESPIPEDKDRRFVFSYFLATDMISIFPPVRNSGIIG

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GKYLGR TKVVKPYSTVDNPVYYGPS DFFIGAVIEVFGHRFIILDTDEYVLKYMESNAA
 QYSPEALASI QNHVRKREAPAPEAESKQTEKDPGVQEQEALIDTIQKQLKDHSCKDNI
 REAFQIYDKEASGYVDRDMFFKICESLNVPVDDSLVKELLRMCSHGEGKINYNFVR
 AFSN

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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_001172420

Protein Refseq NP_001165891

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MIM	608815
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UniProt ID	Q5JVL4
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