

Recombinant Human EFHC1 Protein, GST-tagged

Cat. No. EFHC1-3090H **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	Wheat Germ
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	MVSNPVHGLPFLPGTSFKDSTKTAFHRSQTLSYRNGYAIVRRPTVGIGGDRLQFNQL SQAELDELASKAPVLTYGQPKQAPPADFIPAHVAFDKKVLKFDAYFQEDVPMSTEEQ YRIRQVNIYYYLEDDSMSVIEPVVENSILQGLIKRQRLAKNDRGDHYHWKDLNRGI NITIYGKTRFVDCDQFTQVFLESQGIELNPPEKMALDPYTELRKQPLRKYVTPSDFD QLKQFLTFDKQVLRFYAIWDDTDSMYGECRTYIIHYYLMDDTVEIREVHERNDGIDPF PLLMNRQRVPKVLVENAKNFPQCVLEISDQEVLEWYTAKDFIVGKSLTILGRFFIYD CDPFTRRYEKEKFGITDLPRIDVSKREPPPVKQELPPYNGFGLVEDSAQNCFALIPKA PKKDVIKMLVNDNKVLRYLAVLESPIPEDKDRRFVFSYFLATDMISIFPPVRNSGIIG GKYLGR TKVVKPYSTVDNPVYYGPSDFFIGAVIEVFGHRFIILDTDEYVLKYMESNAA

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QYSPEALASIQNHVRKREAPAPEAESKQTEKDPGVQELEALIDTIQKQLKDHSCKDNI
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

MIM

608815

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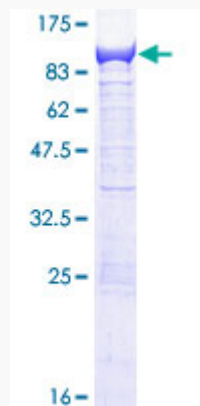
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UniProt ID

Q5JVL4

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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