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 YRIRQVNIYYYLEDDSMSVIEPVVENSGILQGKLIKRQRLAKNDRGDHYHWKDLNRGI NITIYGKTFRVVDCDQFTQVFLESQGIELNPPEKMALDPYTELRKQPLRKYVTPSDFD QLKQFLTFDKQVLRFYAIWDDTDSMYGECRTYIIHYYLMDDTVEIREVHERNDGIDPF PLLMNRQRVPKVLVENAKNFPQCVLEISDQEVLEWYTAKDFIVGKSLTILGRTFFIYD CDPFTRRYYKEKFGITDLPRIDVSKREPPPVKQELPPYNGFGLVEDSAQNCFALIPKA PKKDVIKMLVNDNKVLRYLAVLESPIPEDKDRRFVFSYFLATDMISIFEPPVRNSGIIG GKYLGRTKVVKPYSTVDNPVYYGPSDFFIGAVIEVFGHRFIILDTDEYVLKYMESNAA

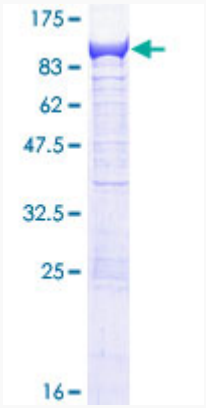
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	QYSPEALASIQNHVRKREAPAPEAESKQTEKDPGVQELEALIDTIQKQLKDHSCKDNI REAFQIYDKEASGYVDRDMFFKICESLNVPVDDSLVKELLRMCSHGEGKINYYNFVR 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	Q5JVL4
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA