

Recombinant Full Length Human EFHC2 Protein, GST-tagged

Cat. No. EFHC2-4212HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFHC2 full-length ORF (NP_079460.2, 1 a.a. - 749 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	749 amino acids
Description	This gene encodes a protein which contains three DM10 domains and three calcium-binding EF-hand motifs. A related protein is encoded by a gene on chromosome 6. It has been suggested that both proteins are involved in the development of epilepsy (PMID: 15258581, 16112844) and that this gene may be associated with fear recognition in individuals with Turner syndrome. [provided by RefSeq, Aug 2011]
Molecular Mass	113.8 kDa
AA Sequence	MALPLLPGNSFNRNVGKEKFHKSQHWGFCNNVMMMLVSDEKPGIGGEPLLGQKIKP KCSIYPKGDGSDVPSWVAFDKQVLSFDAYLEEEVLDKSQNTYRIRYYKIYFYPEDDTI QVNEPEVKNSGLLQGTSIRRHRLTLPPPDEDQFYTVYHFNVGTEVVFYGRTFKIYDC DAFTRNFLRKIGVKVNPPVQCPEDPYMKIRREVVEHVEPLRPYESLDTLKQFLQYHG KILCFFCLWDDSVSMFGDRRELILHYFLCDDTIEIKELLPHSSGRDALKMFLRRSKLP KNCPPRVYQPGQITDRAVLNSYGDFIKNQADGYLFDTRYKLGVKVDQEFYKDSDSLGLG VTINWGRKVVLLYDCDEFTKSYYKSKYGIENFTSVSCKPPSPPPKIERKFPPYNGFG SEEDSLRNCIDLKPTPHRRNFKKFMEKDSYGSKSNILRFFAKLVTDKCVDLDRMFVIS

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YYLGDDTISVFEPiernSGIAGGMFLKRSRVKKPGQEVFKSELSEYIKAEELYIGVTVN
 VNGYLFRLNNADEYTLNMEQNTDKYPFSNLKLALQKLKQEEGKSRELKQVFKAAD
 SKHTNMVDYNTFRDILMSLTVGNLAEQEFVTIARHYRVPEGTCSDMDFLIALAHEKF
 KKNMFENFDTFIYSCVYEDREKKNVLPTKDIKRLCKSSRLPLSDDLLESLLSRFEDSE
 KQIDYKSFFSALNWRKNPVPELQPASYLKERCEDVWLGMPSPIPAKYIDYWTFKDA
 FGLEEE

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

EFHC2 EF-hand domain (C-terminal) containing 2 [Homo sapiens]

Official Symbol

EFHC2

Synonyms

EFHC2; EF-hand domain (C-terminal) containing 2; EF-hand domain-containing family member C2; FLJ22843; dJ1158H2.1; FLJ22601; DKFZp686G08235;

Gene ID

80258

mRNA Refseq

NM_025184

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Protein Refseq	NP_079460
MIM	300817
UniProt ID	Q5JST6

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