

Product datasheet for PH305830

EFHC1 (NM_018100) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EFHC1 MS Standard C13 and N15-labeled recombinant protein (NP_060570)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205830
Predicted MW:	73.9 kDa
Protein Sequence:	>RC205830 protein sequence Red =Cloning site Green =Tags(s)

MVSNPVHGLPFLPGTSFKDSTKTAHRSQTLSYRNGYAIVRPTVGIGDRLQFNQLSQAELDELASKAP
 VLTYGQPKQAPPADFI PAHVAFDKKVLKFDAYFQEDVPMSTEEQYRIRQVNIYYLEDDSMSVIEPVVEN
 SGILQGKLIKRLAKNDRGDHYHWKDLNRGINITIYGKTRFVVDQDQFTQVFLESQGIELNPPEKMA LD
 PYTELKQPLRKYYTPSDFDQLKQFLTFDKQVLRFYAIWDDTDSMYGECRTYIIHYLMDDTVEIREVHE
 RNDGIDPFLLMNRQVRPKVLVENAKNFPQCVLEISDQEVLEWYAKDFIVGKSLTILGRTFFIYDCDPF
 TRYYKEKFGITDLPRIDVSKREPPPVKQELPPYNGFGLVEDSAQNCFALIPKAPKKDVIKMLVNDNKVL
 RYLAVLESPIPEDKDRRFVFSYFLATDMISIFEPVRNSGIIGGKYLGRKVVKPYSTVDNPVYGP SDF
 FIGAVIEVFGRFIILDTDEYVLKYMESNAAQYSPEALASIQNHVRKREAPAEASKQTEKDPGVQELE
 ALIDTIQKQLKDHCKDNIREAFQIYDKEASGYVDRDMFFKICESLNPVDDSLVKELLRMC SHGEGKIN
 YNPFVRAFSN

TRTRPLEEQKLISEEDLANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060570
RefSeq Size:	5596


[View online »](#)

RefSeq ORF: 1920

Synonyms: dj304B14.2; EJM1; POC9; RIB72

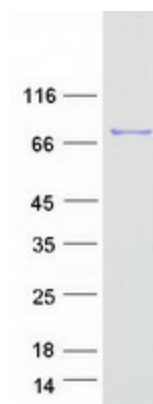
Locus ID: 114327

UniProt ID: [Q5JVL4](#), [B2CKC5](#)

Cytogenetics: 6p12.2

Summary: 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]

Product images:



Coomassie blue staining of purified EFHC1 protein (Cat# [TP305830]). The protein was produced from HEK293T cells transfected with EFHC1 cDNA clone (Cat# [RC205830]) using MegaTran 2.0 (Cat# [TT210002]).