

Recombinant Full Length Human EHD2 Protein, GST-tagged

Cat. No. EHD2-4320HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EHD2 full-length ORF (NP_055416.2, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	543 amino acids
Description	This gene encodes a member of the EH domain-containing protein family. These proteins are characterized by a C-terminal EF-hand domain, a nucleotide-binding consensus site at the N terminus and a bipartite nuclear localization signal. The encoded protein interacts with the actin cytoskeleton through an N-terminal domain and also binds to an EH domain-binding protein through the C-terminal EH domain. This interaction appears to connect clathrin-dependent endocytosis to actin, suggesting that this gene product participates in the endocytic pathway. [provided by RefSeq, Jul 2008]
Molecular Mass	87.6 kDa
AA Sequence	MFSWLKRGGARGQQPEAIRTVTSALKELYRTKLLPLEEHYRFGAFHSPALEDADFD GKPMVLVAGQYSTGKTSFIQYLLEQEVPGSRVGPEPTTDCFVAVMHGDTGTVPG NALVVDPDKPFRKLNPFNGNTFLNRFMCAQLPNQVLESISIIDTPGILSGAKQVRVSRGY DFPAVLRWFAERVDLIILLFDAHKLEISDEFSEAIGALRGHEDKIRVVLNKADMVETQQ LMRVYGALMWALGKVVGTPEVLRVYIGSFWSQPLLVPDNRRLFELEEQDLFRDIQG

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LPRHAALRKLN DLVKRARLV RVHAYIISYLKKEMPSVFGKENKKKQLILKLPVIFAKIQL
 EHHISPGDFPDCQKMQELLMAHDFTKFHSLKPKLLEALDEMLTHDIAKLMPLLRQEE
 LESTE VGVQGGAFEGTHMGPFVERGPDEAMEDGEEGSDDEAEWVVTKDKSKYDEI
 FYNLAPADGKLSGSKAKTWMVGTKLPNSVLGRIWKLSDVDRDGM LDDEEFALASHL
 IEAKLEGHGLPANLP RRLVPPSKRRHKGSAE

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 [EHD2 EH-domain containing 2 \[Homo sapiens \]](#)

Official Symbol [EHD2](#)

Synonyms EHD2; EH-domain containing 2; PAST2; EH domain-containing protein 2; PAST homolog 2; EH domain containing 2; FLJ96617;

Gene ID [30846](#)

mRNA Refseq [NM_014601](#)

Protein Refseq [NP_055416](#)

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MIM	605890
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UniProt ID	Q9NZN4
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