

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 GKPMVLVAGQYSTGKTSFIQYLLEQEVPGSRVGPEPTTDCFVAVMHGDTEGTVPG NALVVDPPDKPFRKLNPFNGNTFLNRFMCAQLPNQVLESISIIDTPGILSGAKQVRVSRGY DFPAVLRWFAERVDLIILLFDAHKLEISDEFSEAIGALRGHEDKIRVVLNKADMVETQQ LMRVYGALMWALGKVVGTPEVLRVYIGSFWSQPPLLVPDNRRLFELEEQDLFRDIQG

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LPRHAALRKLN DLVKRARLV RVHAYIISYLKKEMPSVFGKENKKKQLILKLPVIFAKIQL
 EHHISPGDFPDCQKM QE LLM AHDFTKFHSLKPKLLEALDEMLTHDIAKLMPLLRQEE
 LESTE VGVQGGAFEGTHMGPFVERGPDEAMEDGEEGSDDEAEWVVTKDKSKYDEI
 FYNLAPADGKLSGSKAKTWMVGTKLPNSVLGRIWKLSDVDRDGM LDDEEFALASHL
 IEAKLEGHGLPANLP RRLVPPSKRRHKGS AE

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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