

Recombinant Human EHD2 Protein, GST-tagged

Cat. No. EHD2-3129H **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	Wheat Germ
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 NALVVDPPDKPFRKLNPFGNFTLNRFMCAQLPNQVLESISIIDTPGILSGAKQRVSRGY DFPAVLRWFAERVDLIILLFDAHKLEISDEFSEAIGALRGHEDKIRVVLNKADMVETQQ LMRVYGALMWALGKVVGTPEVLRVYIGSFWSQPLLVPDNRRLFELEEQDLFRDIQG LPRHAALRKLNLDLVKRARLVRVHAYIISYLKKEMPSVFGKENKKKQLILKLPVIFAKIQL

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EHHISPGDFPDCQKMQELLMAHDFTKFHSLKPKLLEALDEMLTHDIAKLMPLLRQEE
 LESTEVGVQGGAFEGTHMGPFVERGPDEAMEDGEEGSDDEAEWVVTKDKSKYDEI
 FYNLAPADGKLSGSKAKTWMVGTKLPNSVLGRIWKLSDVDRDGMLDDEEFALASHL
 IEAKLEGHGLPANLPRRLVPPSKRRHKGSAAE

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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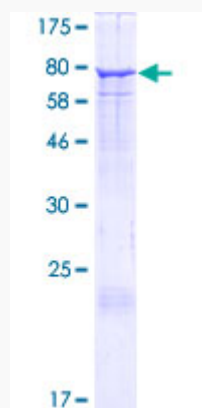
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MIM 605890

UniProt ID Q9NZN4

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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