

## Product datasheet for **TP304848**

### EHD2 (NM\_014601) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human EH-domain containing 2 (EHD2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204848 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MFSWLKRGGARGQQPEAIRTVTSALKELYRTKLLPLEEHYRFGAFHSPALEDADFDGKPMVLVAGQYSTG  
KTSFIQYLLEQEVPGSRVGPEPTTDCFVAVMHGDTEGTVPGNALVDPDKPFRKLNPFNGNTFLNRFMCAQ  
LPNQVLESISIIDTPGILSGAKQRVSRGYDFPAVLRWFAERVDLIILLFDAHKLEISDEFSEAI GALRGH  
EDKIRVVLNKADMVETQQLMRVYGALMWALGKVVGTPEVLRVYIGSFWSQPLLVPDNRRLFELEEQDLFR  
DIQGLPRHAALRKLNDLVKRARLVRVHAYIISYLKKEMPVFGKENKKKQLILKLPVIFAKIQLEHHISP  
GDFPDCQKMQELMAHDFTKFHSLKPKLLEALDEMLTHDIAKLMPLLRQEELESTEVG VQGGAFEGTHMG  
PFVERGPDEAMEDGEEGSDDEAEWVVTDKDKSKYDEIFYNLAPADGKLSGSKAKTWMVGT KLPNSVLGRIW  
KLSDVDRDGM LDDEEFALASHLIEAKLEGHGLPANLP RRLVPPSKRRHKGS AE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	61 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_055416](#)

Locus ID: 30846

UniProt ID: [Q9NZN4](#), [A0A024R0S6](#)

RefSeq Size: 3601

Cytogenetics: 19q13.33

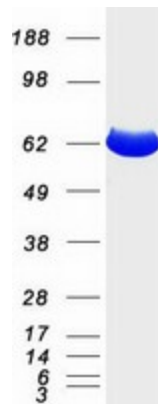
RefSeq ORF: 1629

Synonyms: PAST2

**Summary:** 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]

**Protein Pathways:** Endocytosis

### Product images:



Coomassie blue staining of purified EHD2 protein (Cat# TP304848). The protein was produced from HEK293T cells transfected with EHD2 cDNA clone (Cat# [RC204848]) using MegaTran 2.0 (Cat# [TT210002]).