



# Recombinant Rat EH domain-containing protein 2 (Ehd2)

<b>Product Code</b>	CSB-EP706311RA
<b>Abbreviation</b>	Ehd2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q4V8H8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MFSWLKKGGA RGQRSEAIRT VTSSLKELYR TKLLPLEEHY RFGSFHSPAL EDADFDGKPM VLVAGQYSTG KTSFIQYLLE QEVPGSRVGP EPTTDCFVAV MHGETEGTVP GNALVVDPEK PFRKLNPFNG TFLNRFMCAQ LPNQVLESIS IIDTPGILSG AKQRVSRGYD FPAVLRWFAE RVDLIILLFD AHKLEISDEF SEAIGALRGH EDKIRVVLNK ADMVETQQLM RYVGALMWAL GKVVGTPEVL RVYIGSFWSQ PLLVPDNRRL FELEEQDLFR DIQGLPRHAA LRKLNLDLVKR ARLVRVHAYI ISYLKKEMPS VFGKENKKKQ LIFKLPVIFA KIQLEHHISP GDFPDCQKMQ ELLMAHDFTK FHSLKPKLLE ALDEMLTHDI AKLMPLLRQE ELESVEAGVQ GGAFEGTRMG PFVERGPDEA IEDGEEGSED DAEWVVTKDK SKYDEIFYNL APADGKLSGS KAKTWMVGTK LPNSVLGRIW KLSDVDRDGM LDDEEFALAS HLIKAKLEGH GLPTNLPRRL VPPSKRRQKG SAE
<b>Source</b>	E.coli
<b>Target Names</b>	Ehd2
<b>Protein Names</b>	Recommended name: EH domain-containing protein 2
<b>Expression Region</b>	1-543
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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