

## Product datasheet for TP520542

### Ehd2 (NM\_153068) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse EH-domain containing 2 (Ehd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR220542 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MFSWLKKGARGQRPEAIRTVTSSLKELYRTKLLPLEEHYRFGSFHSPALEDADFDGKPMVLVAGQYSTG  
KTSFIQYLLEQVPGSRVGPPEPTTDCFVAVMHGETEGTVPGNALVDPEKPFKLNPFNGNTFLNRFMCAQ  
LPNQVLESISIIDTPGILSGAKQRVSRGYDFPAVLRWFAERVDLIILLFDAHKLEISDEFSEAIGALRGH  
EDKIRVVLNKADMVETQQLMRVYGALMWALGKVVGTPEVLRVYIGSFWSQPLLVPDNRRLFELEEQDLFR  
DIQGLPRHAALRKLNDLVKRARLVRVHAYIISYLKKEMPTVFGKENKKKQLILKLPVIFAKIQLEHHISP  
GDFPDCQKMQELLMAHDFTKFHSLKPKLLEALDDMLAQDIAKLMPLLRQEELESVEAGVQGGAFEGTRMG  
PFVERGPDEAIEDGEEGEDDAEWVTKDKSKYDEIFYNLAPADGKLSGSKAKTWMVGTKLPNVSLGRIW  
KLSVDVDRDGMLDDEEFALASHLIEAKLEGHGLPTNLPRLVPPSKRRRQKGSAAE

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 61.2 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

**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 after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_694708](#)



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Locus ID:	259300
UniProt ID:	<a href="#">Q8BH64</a>
RefSeq Size:	3058
Cytogenetics:	7 8.65 cM
RefSeq ORF:	1632
Synonyms:	BC027084; C130052H20Rik
Summary:	ATP- and membrane-binding protein that controls membrane reorganization/tubulation upon ATP hydrolysis (PubMed:24508342). Plays a role in membrane trafficking between the plasma membrane and endosomes. Important for the internalization of GLUT4 (PubMed:14676205). Required for fusion of myoblasts to skeletal muscle myotubes. Required for normal translocation of FER1L5 to the plasma membrane (PubMed:18502764, PubMed:21177873). Regulates the equilibrium between cell surface-associated and cell surface-dissociated caveolae by constraining caveolae at the cell membrane (By similarity).[UniProtKB/Swiss-Prot Function]