

Recombinant Mouse Ehd2 Protein, Myc/DDK-tagged

Cat. No. Ehd2-2764M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length EH-domain containing 2 (Ehd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	ATP- and membrane-binding protein that controls membrane reorganization/tubulation upon ATP hydrolysis. Plays a role in membrane trafficking between the plasma membrane and endosomes. Important for the internalization of GLUT4. Required for fusion of myoblasts to skeletal muscle myotubes. Required for normal translocation of FER1L5 to the plasma membrane. Regulates the equilibrium between cell surface-associated and cell surface-dissociated caveolae by constraining caveolae at the cell membrane.
Molecular Mass	61.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ehd2 EH-domain containing 2 [*Mus musculus* (house mouse)]

Official Symbol Ehd2

Synonyms EHD2; EH-domain containing 2; EH domain-containing protein 2; BC027084; C130052H20Rik; MGC25606; MGC38650

Gene ID 259300

mRNA Refseq NM_153068

Protein Refseq NP_694708

UniProt ID Q8BH64

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