

Recombinant Mouse Khl2 Protein, Myc/DDK-tagged

Cat. No. Khl2-3713M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kelch-like 2, Mayven (Khl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Promotes growth of cell projections in oligodendrocyte precursors. Responsible for degradative ubiquitination of the WNK kinases WNK1, WNK3 and WNK4. Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination of target proteins, such as NPTXR, leading most often to their proteasomal degradation. Plays a role in the reorganization of the actin cytoskeleton.
Molecular Mass	66 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 KIH2 kelch-like 2, Mayven [*Mus musculus* (house mouse)]

Official Symbol KIH2

Synonyms KLHL2; kelch-like 2, Mayven (*Drosophila*); kelch-like protein 2; Mav; AU020744; ABP-KELCH; mKIAA4249; 6030411N21Rik; KIAA4249

Gene ID 77113

mRNA Refseq NM_178633

Protein Refseq NP_848748

UniProt ID Q8JZP3

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