

Recombinant Mouse Klhl42 Protein, Myc/DDK-tagged

Cat. No. Klhl42-3721M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kelch-like 42 (Klhl42), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL42) E3 ubiquitin ligase complex mediates the ubiquitination and subsequent degradation of KATNA1. Involved in microtubule dynamics throughout mitosis.
Molecular Mass	55.6 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Klhl42 kelch-like 42 [Mus musculus (house mouse)]
Official Symbol	Klhl42
Synonyms	Klhl42; kelch-like 42; Ctb9; Klhdc; Klhdc5; AI450355; mKIAA1340; A330079N23Rik; C230080I20Rik; kelch-like protein 42; cullin-3-binding protein 9; kelch domain containing 5; kelch domain-containing protein 5
Gene ID	232539
mRNA Refseq	NM_001081237
Protein Refseq	NP_001074706
UniProt ID	Q8BFQ9

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