

Recombinant Mouse Cluh Protein, Myc/DDK-tagged

Cat. No. Cluh-1362M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RIKEN cDNA 1300001I01 gene (cDNA clone MGC:99410 IMAGE:5705116), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	mRNA-binding protein involved in proper cytoplasmic distribution of mitochondria. Specifically binds mRNAs of nuclear-encoded mitochondrial proteins in the cytoplasm and regulates transport or translation of these transcripts close to mitochondria, playing a role in mitochondrial biogenesis.
Molecular Mass	95.6 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	Cluh clustered mitochondria (cluA/CLU1) homolog [Mus musculus (house mouse)]
Official Symbol	Cluh
Synonyms	Cluh; clustered mitochondria (cluA/CLU1) homolog; Kiaa0664; mKIAA0664; 1300001I01Rik; clustered mitochondria protein homolog
Gene ID	74148
mRNA Refseq	NM_001081158
Protein Refseq	NP_001074627
UniProt ID	Q5SW19

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