

Recombinant Mouse Klf15 Protein, Myc/DDK-tagged

Cat. No. Klf15-3702M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Kruppel-like factor 15 (Klf15), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcriptional regulator that binds to the GA element of the CLCNKA promoter. Binds to the KCNIP2 promoter and regulates KCNIP2 circadian expression in the heart. Is a repressor of CCN2 expression, involved in the control of cardiac fibrosis. Is also involved in the control of cardiac hypertrophy acting through the inhibition of MEF2A, GATA4 and MYOCD activity. Is a negative regulator of TP53 acetylation. Inhibits NF-kappa-B activation through repression of EP300-dependent RELA acetylation. Involved in podocyte differentiation.
Molecular Mass	44.3 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 Klf15 Kruppel-like factor 15 [Mus musculus (house mouse)]

Official Symbol Klf15

Synonyms KLF15; Kruppel-like factor 15; Krueppel-like factor 15; cardiovascular Krueppel-like factor; CKLF; KKLF; AV048136; AW494632; 1810013I09Rik

Gene ID 66277

mRNA Refseq NM_023184

Protein Refseq NP_075673

UniProt ID Q9EPW2

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