

Recombinant Human KLF15 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KLF15-3502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KLF15 MS Standard C13 and N15-labeled recombinant protein (NP_054798) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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 (By similarity). Is a repressor of CCN2 expression, involved in the control of cardiac fibrosis. It is also involved in the control of cardiac hypertrophy acting through the inhibition of MEF2A and GATA4 (By similarity). Involved in podocyte differentiation (By similarity). Inhibits MYOCD activity. Is a negative regulator of TP53 acetylation. Inhibits NF-kappa-B activation through repression of EP300-dependent RELA acetylation.
Molecular Mass	44 kDa
AA Sequence	MVDHLLPVDFNFSSPKCPVGYLGDRLVGRRAYHMLPSPVSEDDSDASSPCSCSSP DSQALCSCYGGGLGTESQDSILDFLLSQATLGSGGGSGSSIGASSGPVAVGPWRR AAPVKGEHFCLPEFPLGDPDDVPRPFQPTLEEIEEFLEENMEPGVKEVPEGNSKDL DACSQLSAGPHKSHLHPGSSGRERCSPPPGGASAGGAQGPGGGPTPDGPIPVLLQ IQPVPVKQESGTGPASPGQAPENVKVAQLLVNIQGQTFALVPQVVPSSNLNLPSKFV

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RIAPVPAAKPVGSGPLGPGPAGLLMGQKFPKNPAAELIKMHKCTFPGCSKMYTKSS
HLKAHLRRHTGEKPFACWPGCGWRFSRSDLSRHRRSHSGVKPYQCPVCEKKF
ARSDHLSKHIKVHRFPRSSRSVRSVNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name KLF15 Kruppel-like factor 15 [Homo sapiens (human)]

Official Symbol KLF15

Synonyms KLF15; Kruppel-like factor 15; Krueppel-like factor 15; kidney enriched Kruppel like factor; KKLf; kidney-enriched Kruppel-like factor; kidney-enriched krueppel-like factor; DKFZp779M1320;

Gene ID 28999

mRNA Refseq NM_014079

Protein Refseq NP_054798

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MIM 606465**UniProt ID** Q9UIH9**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA