

Recombinant Human KLF6

Cat. No. KLF6-29903TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-261 of Human KLF6 with a N terminal proprietary tag; predicted MWt 54.71 kDa inclusive of tag. AAH04301
Species	Human
Source	Wheat Germ
ProteinLength	261 amino acids
Description	This gene encodes a member of the Kruppel-like family of transcription factors. The zinc finger protein is a transcriptional activator, and functions as a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene, some of which are implicated in carcinogenesis.
Molecular Weight	54.710kDa inclusive of tags
Tissue specificity	Highly expressed in placenta followed by spleen, thymus, prostate, testis, small intestine and colon. Weakly expressed in pancreas, lung, liver, heart and skeletal muscle. Also expressed in fetal brain, spleen and thymus.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MDVLP MCSIFQELQIVHETGYFSALPSLEEYWQQTCLELE RYLQSEPCYVSASEIKF DSQEDLWTKIILAREKKEESELK ISSPPEDTLISPSFCYNLETNSLNSDVSSSESDS SEELS PTAKFTSDPIGEVLVSSGKLGSSVTSAPPSSPELSREPSQ LWGCVPGELPS PGKVRSGTSGKPGDKGNGDASPDGRRRVH RCHFNGCRKVYTKSSHLKAHQRTHT GEKPYRCSWEGCEWR FARSDDELTRHFRKHTGAKPF
Sequence Similarities	Belongs to the krueppel C2H2-type zinc-finger protein family.Contains 3 C2H2-type zinc fingers.

GENE INFORMATION

Gene Name	KLF6 Kruppel-like factor 6 [Homo sapiens]
Official Symbol	KLF6
Synonyms	KLF6; Kruppel-like factor 6; BCD1, COPEB, core promoter element binding protein , ST12; Krueppel-like factor 6; CPBP; GBF; GC rich binding factor; PAC1; Zf9;
Gene ID	1316
mRNA Refseq	NM_001160124
Protein Refseq	NP_001153596
MIM	602053
Uniprot ID	Q99612



Chromosome Location	10p15
Pathway	Adipogenesis, organism-specific biosystem;
Function	DNA binding; double-stranded DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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