

Recombinant Human KLF6 Protein

Cat. No. KLF6-843H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLF6, transcript variant A, was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4.
Molecular Mass	12.6kD
AA Sequence	MDVLPMSIF QELQIVHETG YFSALPSLEE YWQQTICLELE RYLQSEPCYV SASEIKFDSQ EDLWTKIILA REKKEESELK ISSSPEDTL ISPSFCYNLE TNSLNSDVS
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the

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lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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; proto-oncogene BCD1; GC-rich binding factor; B-cell-derived protein 1; transcription factor Zf9; protooncogene B-cell derived 1; GC-rich sites-binding factor GBF; Kruppel-like zinc finger protein Zf9; core promoter element binding protein; core promoter element-binding protein; suppressor of tumorigenicity 12 protein; suppression of tumorigenicity 12 (prostate); ZF9; BCD1; CBA1; ST12; COPEB; DKFZp686N0199;

Gene ID [1316](#)

mRNA Refseq [NM_001160124](#)


Protein Refseq [NP_001153596](#)

MIM [602053](#)

UniProt ID [Q99612](#)

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