

KLF6 recombinant protein

KLF6, 1-283aa, Human, His tag, E Coli

CATALOG # AAA48866	HOST E Coli	APPLICATIONS SDS-Page
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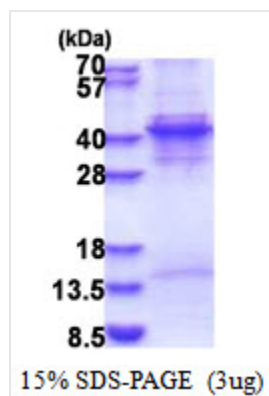
PRODUCT SYNONYMS

KLF6; 1-283aa; Human; His tag; E Coli; Kruppel-like factor 6; B-cell-derived protein 1; BCD1; CBA1; COPEB; CPBP; Kruppel like factor 6; core promoter element binding protein; GBF; GC-rich binding factor; PAC1; Zf9; KLF6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 1mM DTT
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	1-283aa
Sequence	MGSSHHHHHH SSSLVPRGSH MGSM DV LPMC SIFQELQIVH ETGYFSALPS LEEYWQQTCL ELERYLQSEP CYVSASEIKF DSQEDLWTKI ILAREKKEES ELKISSSPPE DTLISPSFCY NLETNSLNSD VSSESSDSSE ELSPTAKFTS DPIGEVLVSS GKLSSSVTST PPSSPELSRE PSQLWGCVPG ELPSPGKVRS GTSGKPGDKG NGDASPDGRR RVHRCHFNGC RKVYTKSSHL KAHQRTHTGE KPYRCSWEGC EWRFARSDEL TRHFRKHTGA KPFKCSHCDR CFSRSDHLAL HMKRHL
Sequence Length	283
Applicable Applications for KLF6 recombinant protein	SDS-PAGE
Tag Information	His-tag
Preparation and Storage	Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for KLF6 recombinant protein	KLF6, also known as Krueppel-like factor 6, is a nuclear protein that has three zinc fingers. The zinc fingers of this protein are responsible for the specific DNA binding with the guanine-rich core promoter elements. The central region might be involved in activation or posttranslational regulatory pathways, and the acidic N-terminal domain might play an important role in the process of transcriptional activation. It is capable of activating transcription approximately 4-fold either on homologous or heterologous promoters. Recombinant human KLF6 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for KLF6 recombinant protein	Stem Cell
References	Narla G. et al. (2003) Am J Pathol. 162:1047-1052.; Narla G. et al. (2001) Science. 294:2563-2566;

NCBI AND UNIPROT INFORMATION

NCBI GI #	37655157
NCBI GeneID	1316
NCBI Accession #	NP_001291
NCBI GenBank Nucleotide #	NM_001300.5
UniProt Accession #	Q99612; Q5VUT7; Q5VUT8; Q9BT79; B2RE86; B4DDN0; D3DRR1; F5H3M5
Molecular Weight	34.3 kDa (306aa) confirmed by MALDI-TOF
NCBI Official Full Name	Krueppel-like factor 6 isoform A
NCBI Official Synonym Full Names	Kruppel like factor 6
NCBI Official Symbol	KLF6
NCBI Official Synonym Symbols	GBF; ZF9; BCD1; CBA1; CPBP; PAC1; ST12; COPEB
NCBI Protein Information	Krueppel-like factor 6
UniProt Protein Name	Krueppel-like factor 6
UniProt Gene Name	KLF6
UniProt Synonym Gene Names	BCD1; COPEB; CPBP; ST12

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.