

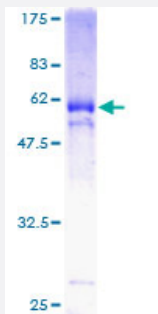
Full-Length

KLF6 (Human) Recombinant Protein (P01)

Catalog # H00001316-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KLF6 full-length ORF (AAH04301.1, 1 a.a. - 260 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDVLPMCSIFQELQVHETGYFSALPSLEEYWQQTCLERYLQSEPCYVSASEIKFDSQEDLWT
KILAREKKEESELKISSPPEDTLISPSFCYNLETNSLNSDVSSSESSDSSEELSPTAKFTSDPIGEV
LVSSGKLGSSVTSAPPSSPELSREPSQLWGCVPGELPSPGKVRSGTSGKPGDKNGDASPDG
RRRVHRCHFNGCRKVYTKSSHLKAHQRTHTGEKPYRCSWEGCEWRFARSDELTRHFRKHTGAK
PF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.34

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KLF6

Entrez GeneID [1316](#)

GeneBank Accession# [BC004301.1](#)

Protein Accession# [AAH04301.1](#)

Gene Name KLF6

Gene Alias BCD1, COPEB, CPBP, DKFZp686N0199, GBF, PAC1, ST12, ZF9

Gene Description Kruppel-like factor 6

Omim ID [137215](#) [176807](#) [602053](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations B-cell derived 1|core promoter element binding protein|core promoter element-binding protein, N-terminus truncated|prostate adenocarcinoma-1|protooncogene BCD1|suppression of tumorigenicity 12 (prostate)

Publication Reference

- [KLF6 induces apoptosis in prostate cancer cells through up-regulation of ATF3.](#)

Huang X, Li X, Guo B.

The Journal of Biological Chemistry 2008 Aug; 283(44):29795.

Application: Func, Biotin-labeled DNA Probe

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Carcinoma](#)
- [Diabetes Mellitus](#)
- [Esophageal Neoplasms](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Stomach Neoplasms](#)