

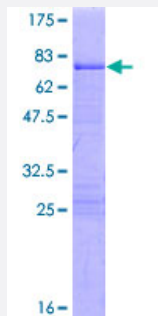
Full-Length

# KLF8 (Human) Recombinant Protein (P01)

Catalog # H00011279-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human KLF8 full-length ORF ( NP\_009181.2, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MVDMDKLINNLEVQLNSEGGSMQVFKQVTASVRNRDPPEIEYRSNMTSPTLLDANPMENPALFN  
DIKIEPPEELLASDFSLPQVEPVDLSFHKPKAPLQPASMLQAPIRPPKPQSSPQTLVVSTSTSDM  
STSANIPTVLTPGSVLTSSQSTGSQQILHVIHTIPSVSLPNKMGGGLKTIPVVVQSLPMVYTTLPADGG  
PAAITVPLIGGDGKNAGSVKVDPTSMSPLEIPSDSEESTIESGSSALQSLQGLQQEPAAMAQMQG  
EESLDLKRRIHQCDFAGCSKVYTKSSHLKAHRRHTGEKPYKCTWDGCSWKFARSDELTRHFR  
KHTGIKPFRCCTDCNRSFSRSDHLSLHRRRHDTM

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

65.7

### Interspecies Antigen Sequence

Mouse (83)

### 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 — KLF8

**Entrez GeneID**[11279](#)**GeneBank Accession#**[NM\\_007250.3](#)**Protein Accession#**[NP\\_009181.2](#)**Gene Name**

KLF8

**Gene Alias**

BKLF3, DKFZp686O08126, DXS741, MGC138314, ZNF741

**Gene Description**

Kruppel-like factor 8

**Omim ID**[300286](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein which is a member of the Sp/KLF family of transcription factors. Members of this family contain a C-terminal DNA-binding domain with three Kruppel-like zinc fingers. The encoded protein is thought to play an important role in the regulation of epithelial to mesenchymal transition, a process which occurs normally during development but also during metastasis. A pseudogene has been identified on chromosome 16. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations**

zinc finger protein 741

## Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)