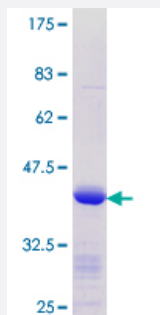


KLF8 (Human) Recombinant Protein (Q01)

Catalog # H00011279-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human KLF8 partial ORF (NP_009181.1, 1 a.a. - 98 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVDMDKLINNLEVQLNSEGGSMQVFKQVTASVRNRDPPEIEYRSNMTSPTLLDANPMENPALFN DIKIEPPEELLASDFSLPQVEPVDLSFHKPKAPL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
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](#)

Protein Accession# [NP_009181.1](#)

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](#)