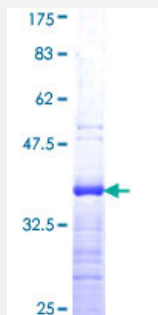


KLF5 (Human) Recombinant Protein (Q01)

Catalog # H00000688-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KLF5 partial ORF (NP_001721, 358 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RYNRRSNPDLEKRRIHYCDYPGCTKVYTKSSHLKAHLRTHTGEKPYKCTWEGCDWRFARSDFLT RHYRKHTGAKPFQCGVCNRSFSRSDHLALHMKRHQN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (96); Rat (97)
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 — KLF5

Entrez GeneID [688](#)

GeneBank Accession# [NM_001730](#)

Protein Accession# [NP_001721](#)

Gene Name KLF5

Gene Alias BTEB2, CKLF, IKLF

Gene Description Kruppel-like factor 5 (intestinal)

Omim ID [602903](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Kruppel-like factor subfamily of zinc finger proteins. Since the protein localizes to the nucleus and binds the epidermal growth factor response element, it is thought to be a transcription factor. [provided by RefSeq]

Other Designations GC box binding protein 2|Kruppel-like factor 5|OTTHUMP00000018502|basic transcription element binding protein 2|colon kruppel-like factor|intestinal-enriched kruppel-like factor|transcription factor BTEB2

Disease

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- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)

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