

Recombinant Human KLF10 protein, His & GST-tagged

Cat. No. KLF10-792H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLF10 aa. (Met1~Ser210 (Accession # Q13118)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ser210
Description	This gene encodes a member of a family of proteins that feature C2H2-type zinc finger domains. The encoded protein is a transcriptional repressor that acts as an effector of transforming growth factor beta signaling. Activity of this protein may inhibit the growth of cancers, particularly pancreatic cancer. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	KLF10 Kruppel like factor 10 [Homo sapiens (human)]
Official Symbol	KLF10
Synonyms	EGRA; TIEG; TIEG1; EGR-alpha; TGFB-inducible early growth response protein 1; early growth response-alpha; transforming growth factor-beta-inducible early growth response protein 1; zinc finger transcription factor TIEG; Krueppel-like factor 10
Gene ID	7071
mRNA Refseq	NM_001032282.3
Protein Refseq	NP_001027453.1
UniProt ID	Q13118

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