

## Product datasheet for **TP760221**

### **KLF10 (NM\_005655) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human Kruppel-like factor 10 (KLF10), transcript variant 1, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length KLF10
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	52.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005646</a>
<b>Locus ID:</b>	7071
<b>UniProt ID:</b>	<a href="#">Q13118</a>
<b>RefSeq Size:</b>	3115
<b>Cytogenetics:</b>	8q22.3
<b>RefSeq ORF:</b>	1440
<b>Synonyms:</b>	EGR-alpha; EGRA; TIEG; TIEG1



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**Summary:**

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. [provided by RefSeq, Jun 2013]

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**