

## Krueppel-like factor 10

Catalog No: #AP78617

Package Size: #AP78617-1 50ug #AP78617-2 100ug #AP78617-3 1mg

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## Description

Product Name	Krueppel-like factor 10
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	135-480AA
Other Names	TIEG,TIEG1,EGR-alpha,Transforming growth factor-beta-inducible early growth response protein 1,TGFB-inducible early growth response protein 1
Accession No.	Q13118Gene name:KLF10
Uniprot	Q13118
GenID	7071;
Calculated MW	38.06
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Transcriptional repressor which binds to the consensus sequence 5'-GGTGTG-3'. Plays a role in the regulation of the circadian clock; binds to the GC box sequence in the promoter of the core clock component ARTNL/BMAL1 and represses its transcriptional activity. Regulates the circadian expression of genes involved in lipogenesis, gluconeogenesis, and glycolysis in the liver. Represses the expression of PCK2, a rate-limiting step enzyme of gluconeogenesis (By similarity). May play a role in the cell cycle regulation.

## References

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Note: This product is for in vitro research use only