

## Product datasheet for **TP761623**

### Zhangfei (CREBZF) (NM\_001039618) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human CREB/ATF bZIP transcription factor (CREBZF), transcript variant 1, full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length CREBZF
Tag:	N-GST and C-His
Predicted MW:	65 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001034707</a>
Locus ID:	58487
UniProt ID:	<a href="#">Q9NS37</a>
RefSeq Size:	7304
Cytogenetics:	11q14.1
RefSeq ORF:	1062
Synonyms:	SMILE; ZF



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**Summary:**

Strongly activates transcription when bound to HCFC1. Suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. Also suppresses the HCFC1-dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell. Able to down-regulate expression of some cellular genes in CREBZF-expressing cells. [UniProtKB/Swiss-Prot Function]

**Protein Families:**

Transcription Factors

**Product images:**