



Recombinant Human Krueppel-like factor 8 (KLF8)

Product Code	CSB-EP012398HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95600
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MVDMDKLIINN LEVQLNSEGG SMQVFKQVTA SVRNRDPPEI EYRSNMTSPT LLDANPMENP ALFNDIKIEP PEELLASDFS LPQVEPVDLS FHKPKAPLQP ASMLQAPIRP PKPQSSPQTL VVSTSTSDMS TSANIPTVLT PGSVLTSSQS TGSQQILHVI HTIPSVSLPN KMGGLKTIPV VVQSLPMVYT TLPADGGPAA ITVPLIGGDG KNAGSVKVDP TSMSPLEIPS DSEESTIESG SSALQSLQGL QQEPAAMAQM QGEESLDLKR RRIHQCDFAG CSKVYTKSSH LKAHRRHTG EKPYKCTWDG CSWKFARSDE LTRHFRKHTG IKPFRCTDCN RSFSRSDHLS LHRRRHDTM
Source	E.coli
Target Names	KLF8
Protein Names	Recommended name: Krueppel-like factor 8 Alternative name(s): Basic krueppel-like factor 3 Zinc finger protein 741
Expression Region	1-359
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a protein which is a member of the Sp/KLF family of transcription factors. Members of this family contain a C-terminal DNA-binding domain with three Kruppel-like zinc fingers. The encoded protein is thought to play an important role in the regulation of epithelial to mesenchymal transition, a process which occurs normally during development but also during metastasis. A pseudogene has been identified on chromosome 16. Alternative splicing results in multiple transcript variants.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.