



# Recombinant Human Krueppel-like factor 1 (KLF1)

<b>Product Code</b>	CSB-MP619760HU
<b>Abbreviation</b>	KLF1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q13351
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MATAETALPS ISTLTALGPF PDTQDDFLKW WRSEEAQDMG PGPPDPTEPP LHVKSEDQPG EEEDDERGAD ATWDLDLLLT NFSGPEPGGA PQTALAPSE ASGAQYPPPP ETLGAYAGGP GLVAGLLGSE DHSGWVRPAL RARAPDAFVG PALAPAPAPE PKALALQPVY PGPAGSSGG YFPRTGLSVP AASGAPYGLL SGYPAMYAP QYQGHFQLFR GLQGPAPGPA TSPSFLSCLG PGTVGTGLGG TAEDPGVIAE TAPSKRGRRS WARKRQAAHT CAHPGCGKSY TKSSHLKAHL RTHTGEKPYA CTWEGCGWRF ARSDELTRHY RKHTGQRPFRCQLCPRAFSR SDHLALHMKR HL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	KLF1
<b>Protein Names</b>	Recommended name: Krueppel-like factor 1 Alternative name(s): Erythroid krueppel-like transcription factor Short name= EKLF
<b>Expression Region</b>	1-362
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a hematopoietic-specific transcription factor that induces high-level expression of adult beta-globin and other erythroid genes. The zinc-finger protein binds to the DNA sequence CCACACCCT found in the beta hemoglobin promoter. Heterozygous loss-of-function mutations in this gene result in the dominant In(Lu) blood phenotype.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.