Recombinant Human Erythroid transcription factor (GATA1)

Product Code	CSB-EP009274HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15976
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEFPGLGSLG TSEPLPQFVD PALVSSTPES GVFFPSGPEG LDAAASSTAP STATAAAAAL AYYRDAEAYR HSPVFQVYPL LNCMEGIPGG SPYAGWAYGK TGLYPASTVC PTREDSPPQA VEDLDGKGST SFLETLKTER LSPDLLTLGP ALPSSLPVPN SAYGGPDFSS TFFSPTGSPL NSAAYSSPKL RGTLPLPPCE ARECVNCGAT ATPLWRRDRT GHYLCNACGL YHKMNGQNRP LIRPKKRLIV SKRAGTQCTN CQTTTTTLWR RNASGDPVCN ACGLYYKLHQ VNRPLTMRKD GIQTRNRKAS GKGKKKRGSS LGGTGAAEGP AGGFMVVAGG SGSGNCGEVA SGLTLGPPGT AHLYQGLGPV VLSGPVSHLM PFPGPLLGSP TGSFPTGPMP PTTSTTVVAP LSS
Source	E.coli
Target Names	GATA1
Protein Names	Recommended name: Erythroid transcription factor Alternative name(s): Eryf1 GATA-binding factor 1 Short name= GATA-1 Short name= GF-1 NF-E1 DNA-binding protein
Expression Region	1-413
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 belongs to the GATA family of transcription factors. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia.
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.