



# Recombinant Human Erythroid transcription factor (GATA1)

<b>Product Code</b>	CSB-MP009274HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P15976
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEFPGLGSLG TSEPLPQFVD PALVSSTPES GVFFPSGPEG LDAAASSTAP STATAAAAAL AYYRDAEAYR HSPVFQVYPL LNCMEGIPGG SPYAGWAYGK TGLYPASTVC PTREDSPPQA VEDLDGKGST SFLETLKTER LSPDLLTLGP ALPSSLPVPN SAYGGPDFSS TFFSPTGSPL NSAAAYSSPKL RGTLPPLPCE ARECVNCGAT ATPLWRRDRT GHYLCNACGL YHKMNGQNRP LIRPKKRLIV SKRAGTQCTN CQTTTTTLWR RNASGDPVCN AGLYYKLHQ VNRPLTMRKD GIQTRNRKAS GKGKKKRGSS LGGTGAAEGP AGGFMVVAGG SGSGNCGEVA SGLTLGPPGT AHLYQQLGPV VLSGPVSHLM PFPGPLLGSP TGSFPTGPMP PTTSTTVVAP LSS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	GATA1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-413
<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 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.
<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.