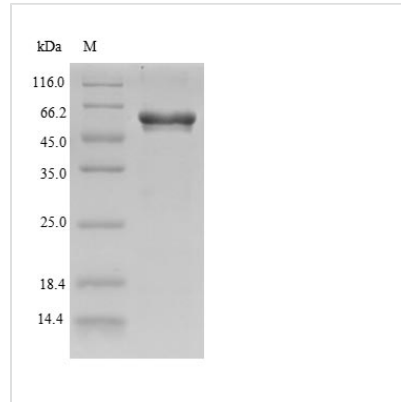




Recombinant *Xenopus laevis* GATA-binding factor 1-A (gata1-a)

Product Code	CSB-EP326431XBE
Relevance	Transcription factor that acts synergistically with tal1/scl and lmo2 to specify embryonic dorsal mesoderm to a hematopoietic fate.
Abbreviation	Recombinant <i>Xenopus laevis</i> gata1-a protein
Storage	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.
Uniprot No.	P23767
Alias	Transcription factor xGATA-1A
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDYTTLLTQDPDPNYTESGLASTSEDSQFLYGLGGESSPGHYGGAVSSRAVG GFRHSPVFQTFPLHWPETSAGIPSNLTAYGRSTGTLFSYPSAASALGPITSPPL YSASSFLLGSAPPAEREGSPKFLETCLKTERASPLTSDLLPLEPRSPSILQVGYIG GGGQEFSLFQSTEDRECVNCGATVTPLWRRDMSGHYLCNACGLYHKMNGQ NRPLIRPKRLIVSKRAGTQCSNCHTSTTTLWRRNASGDPVCNACGLYYKLHN VNRPLTMKKEGIQTRNRKVSSRSKQQLDNPFEPKAGVEEPSYPFGPLLF HGQMPPMGHMINPPHHFLQSPRISHSAPAVSYRQAASGVTPP
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	gata1-a
Protein Names	Recommended name: GATA-binding factor 1-A Alternative name(s): Transcription factor xGATA-1A
Expression Region	1-359aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	59.0kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.