

Recombinant *Xenopus Laevis* GATA1A Protein (1-359 aa), His-SUMO-Myc-tagged

Cat. No. GATA1A-2246X **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Xenopus Laevis</i> (African clawed frog) GATA1A Protein (1-359 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	<i>Xenopus Laevis</i>
Source	E.coli
ProteinLength	1-359 aa
Description	Transcription factor that acts synergistically with tal1/scl and lmo2 to specify embryonic dorsal mesoderm to a hematopoietic fate.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	59.0 kDa
AA Sequence	MDYTTLTQTQDPDPNYTESGLASTSEDSQFLYGLGGESSPGHYGGAVSSRAVGGFR HSPVFQTFPLHWPETSAGIPSNLTAYGRSTGTLSFYPSAASALGPITSPPLYSASSFL LGSAPPAEREGSPKFLETLKTERASPLTSDLLPLEPRSPSILQVGYIGGGGQEFSLFQ STEDRECVNCGATVTPLWRRDMSGHYLCNACGLYHKMNGQNRPLIRPKKRLIVSK RAGTQCSNCHTSTTTLWRRNASGDPVCNACGLYKLNHVNRLTMKKEGIQTRNR KVSSRSKKKKQLDNPFEPPKAGVEEPSYPFGPLL FHGQMPPMGHMINPPHHFLQS

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	PRISHSAPAVSYRQAASGVTPP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

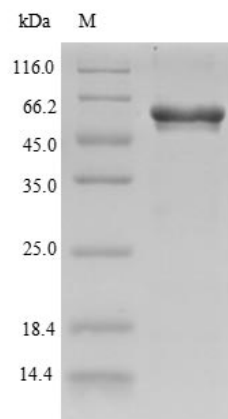
GENE INFORMATION

Gene Name	gata1.L GATA binding protein 1 L homeolog [Xenopus laevis (African clawed frog)]
Official Symbol	GATA1A
Synonyms	gata1-a ; gata1 ; GATA-1 ; xgata1 ; gata1-a ; gata1-b ; xGATA-1 ; gata1a-A ;
Gene ID	373642
mRNA Refseq	NM_001085640
Protein Refseq	NP_001079109
UniProt ID	P23767

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

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