

Recombinant Full Length Human GATA1 Protein, GST-tagged

Cat. No. GATA1-6938HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length GATA1(1 a.a. - 413 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	413 amino acids
Description	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.
Molecular Mass	69.2 kDa
AA Sequence	MEFPGLGSLGTSEPLPQFVDPALVSSTPESGVFFPSGPEGLDAAASSTAPSTATAAA AALAYYRDAEAYRHSPVF QVYPLLNCMEGIPGGSPYAGWAYGKTGLYPASTVCPT REDSPQAVEDLDGKGSTSFLETLKTERLSPDLLTLGP ALPSSLPVPNSAYGGPDF SSTFFSPTGSPLNSAAYSSPKLRGTLPLPPCEARECVNCGATATPLWRRDRTGHYL C NACGLYHKMNGQNRPLIRPKRLIVSKRAGTQCTNCQTTTTTLWRRNASGDPVC NACGLYYKLHQVNRPLTMRKD GIQTRNRKASGKGKKKRGSSLGGTGAAEGPAGG FMVVAGGSGSGNCGEVASGLTLGPPGTAHLYQGLGPVVLSPG VSHLMPFPGPLL SPTGSFPTGMPPTTSTTVVAPLSS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	ELISA; WB-Re; AP; Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GATA1 GATA binding protein 1 (globin transcription factor 1) [Homo sapiens (human)]
Official Symbol	GATA1
Synonyms	GATA1; GATA binding protein 1 (globin transcription factor 1); GATA binding protein 1 (globin transcription factor 1) , GF1; erythroid transcription factor; ERYF1; GATA 1; NFE1
Gene ID	2623
mRNA Refseq	NM_002049
Protein Refseq	NP_002040
MIM	305371
UniProt ID	P15976

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