



Human GATA1 blocking peptide (CDBP1338)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GATA1 antibody
Antigen 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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	GATA1 GATA binding protein 1 (globin transcription factor 1) [Homo sapiens]
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; GATA-binding factor 1; NF-E1 DNA-binding protein; transcription factor GATA1; globin transcription factor 1; erythroid transcription factor 1; GF1; GF-1; XLTT; GATA-1;

Entrez Gene ID	2623
mRNA Refseq	NM_002049
Protein Refseq	NP_002040
UniProt ID	P15976
Chromosome Location	Xp11.23
Pathway	C-MYB transcription factor network, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem; Signaling events mediated by HDAC Class II, organism-specific biosystem;
Function	C2H2 zinc finger domain binding; DNA binding; DNA binding, bending; RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity