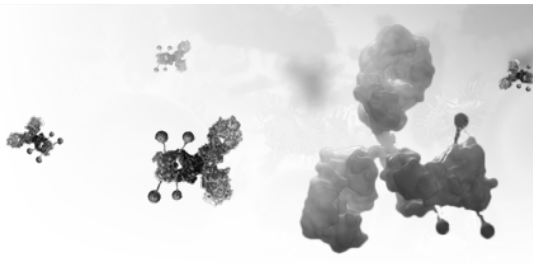

GATA3 blocking peptide (CDBP5472)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GATA3 GATA binding protein 3 [Homo sapiens (human)]
Official Symbol	GATA3
Synonyms	GATA3; GATA binding protein 3; HDR; HDRS; trans-acting T-cell-specific transcription factor GATA-3; GATA-binding factor 3
Entrez Gene ID	2625
mRNA Refseq	NM_001002295

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Protein Refseq	NP_001002295
UniProt ID	P23771
Pathway	Adipogenesis; C-MYB transcription factor network; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Factors involved in megakaryocyte development and platelet production; Glucocorticoid receptor regulatory network; Hemostasis; IL27-mediated signaling events; Inflammatory bowel disease (IBD)
Function	DNA binding; E-box binding; HMG box domain binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II core promoter sequence-specific DNA binding; core promoter proximal region sequence-specific DNA binding; core promoter sequence-specific DNA binding; enhancer sequence-specific DNA binding; interleukin-2 receptor binding; nucleic acid binding transcription factor activity; nucleic acid binding transcription factor activity; protein binding; protein dimerization activity; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription factor binding; transcription regulatory region DNA binding; transcription regulatory region sequence-specific DNA binding; zinc ion binding

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