

Recombinant Human GATA6

Cat. No. GATA6-28981TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 496-595 of Human Gata6 with an N terminal proprietary tag; Predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	The GATA family of transcription factors, which contain zinc fingers in their DNA binding domain, have emerged as candidate regulators of gene expression in hematopoietic cells GATA6 Thought to be important for regulating terminal differentiation and/or
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Expressed in heart, gut and gut-derived tissues.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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	cycles.
Sequences of amino acids	KNINKSKTCSGNSNNSIPMTPTSTSSNSDDCSKNTSPTTQPTASGAGAPVMTGAGE STNPENSELKYSQGDLGYIGVSLASPAEVTSSVRPDSWCALALA
Sequence Similarities	Contains 2 GATA-type zinc fingers.

GENE INFORMATION

Gene Name	GATA6 GATA binding protein 6 [Homo sapiens]
Official Symbol	GATA6
Synonyms	GATA6; GATA binding protein 6; transcription factor GATA-6;
Gene ID	2627
mRNA Refseq	NM_005257
Protein Refseq	NP_005248
MIM	601656
Uniprot ID	Q92908
Chromosome Location	18q11-q12
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Heart Development, organism-specific biosystem; Hemostasis, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific

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biosystem;

Function

RNA polymerase II repressing transcription factor binding; chromatin binding; double-stranded DNA binding; metal ion binding; protein binding;

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