

Recombinant Human GATA5 Protein, GST-tagged

Cat. No. GATA5-4751H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GATA5 full-length ORF (NP_536721.1, 1 a.a. - 397 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity. [provided by RefSeq]
Molecular Mass	67.7 kDa
AA Sequence	MYQSLALAASPRQAAYADSGSFLHAPGAGSPMFVPPARVPSMLSYSLSGCEPSPQP PELAARPGWAQTATADSSAFGPGSPHPPAAHPPGATAFPFAHSPSGPGSGGSAGG RDGSAYQGALLPREQFAAPLGRPVGTSYSATYPAYVSPDVAQSWTAGPFDGSLVH GLPGRRPTFVSDFLEEFPGEGRECVNCGALSTPLWRRDGTGHYLCNACGLYHKMN GVNRPLVRPQKRLSSRRAGLCCTNCHTTNTTLWRRNSEGEPVCNACGLYMKLHG VPRPLAMKKESIQTRKRKPKTIAKARGSSGSTRNASASPSAVASTDSSAATSKAKPS LASPVCPGPSMAPQASGQEDDSLAPGHLEFKFEPEDFAFPSTAPSPQAGLRGALR QEAWCALALA

 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	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein 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

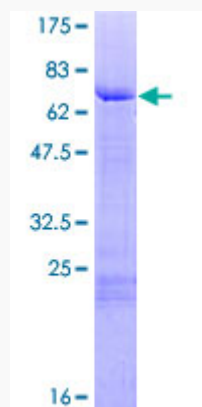
Gene Name	GATA5 GATA binding protein 5 [Homo sapiens]
Official Symbol	GATA5
Synonyms	GATA5; GATA binding protein 5; transcription factor GATA-5; bB379O24.1; GATA binding factor-5; GATA-binding factor 5; GATA-binding protein 5;
Gene ID	140628
mRNA Refseq	NM_080473
Protein Refseq	NP_536721
MIM	611496
UniProt ID	Q9BWX5

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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