



# Recombinant Human Transcription factor GATA-5 (GATA5)

<b>Product Code</b>	CSB-YP883616HU
<b>Abbreviation</b>	GATA5
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9BWX5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MYQSLALAAS PRQAAYADSG SFLHAPGAGS PMFVPPARVP SMLSYSLSGCE PSPQPPELAA RPGWAQTATA DSSAFGPGSP HPPAAHPPGA TAFPFAHSPS GPGSGGSAGG RDGSAYQGAL LPREQFAAPL GRPVGTSYSA TYPAYVSPDV AQSWTAGPFD GSVLHGLPGR RPTFVSDFLE EFPGEGRECV NCGALSTPLW RRDGTGHYLC NACGLYHKMN GVNRPLVRPQ KRLSSRRAG LCCTNCHTTN TTLWRRNSEG EPVCNACGLY MKLHGVPRL AMKKESIQTR KRKPKTIKA RGSSGSTRNA SASPSAVAST DSSAATSKAK PSLASVPCPG PSMAPQASGQ EDDSLAPGHL EFKFEPEDFA FPSTAPSPQA GLRGALRQEA WCALALA
<b>Source</b>	Yeast
<b>Target Names</b>	GATA5
<b>Protein Names</b>	Recommended name: Transcription factor GATA-5 Alternative name(s): GATA-binding factor 5
<b>Expression Region</b>	1-397
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1 alpha (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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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