



Recombinant Human Transcription factor GATA-5 (GATA5)

Product Code	CSB-EP883616HU
Abbreviation	GATA5
Storage	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.
Uniprot No.	Q9BWX5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	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 PSLASPVCPG PSMAPQASGQ EDDSLAPGHL EFKFEPEDFA FPSTAPSPQA GLRGALRQEA WCALALA
Source	E.coli
Target Names	GATA5
Protein Names	Recommended name: Transcription factor GATA-5 Alternative name(s): GATA-binding factor 5
Expression Region	1-397
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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