Recombinant Human Transcription factor GATA-4 (GATA4)

Product Code	CSB-BP009277HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P43694
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MYQSLAMAAN HGPPPGAYEA GGPGAFMHGA GAASSPVYVP TPRVPSSVLG LSYLQGGGAG SASGGASGGS SGGAASGAGP GTQQGSPGWS QAGADGAAYT PPPVSPRFSF PGTTGSLAAA AAAAAAREAA AYSSGGGAAG AGLAGREQYG RAGFAGSYSS PYPAYMADVG ASWAAAAAAS AGPFDSPVLH SLPGRANPAA RHPNLDMFDD FSEGRECVNC GAMSTPLWRR DGTGHYLCNA CGLYHKMNGI NRPLIKPQRR LSASRRVGLS CANCQTTTTT LWRRNAEGEP VCNACGLYMK LHGVPRPLAM RKEGIQTRKR KPKNLNKSKT PAAPSGSESL PPASGASSNS SNATTSSSEE MRPIKTEPGL SSHYGHSSSV SQTFSVSAMS GHGPSIHPVL SALKLSPQGY ASPVSQSPQT SSKQDSWNSL VLADSHGDII TA
Source	Baculovirus
Target Names	GATA4
Protein Names	Recommended name: Transcription factor GATA-4 Alternative name(s): GATA-binding factor 4
Expression Region	1-442
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 gene encodes a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. This protein is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function. Mutations in this gene have been associated with cardiac septal defects.
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.

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.