Recombinant Rat Hepatocyte nuclear factor 3-alpha (Foxa1)

Product Code	CSB-EP008794RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23512
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MLGTVKMEGH ESNDWNSYYA DTQEAYSSVP VSNMNSGLGS MNSMNTYMTM NTMTTSGNMT PASFNMSYAN PGLGAGLSPG AVAGMPGGSA GAMNSMTAAG VTAMGAALSP GGMGSMGAQP AASMNGLGPY AAAMNPCMSP MAYAPSNLGR SRAGGGGDAK TFKRSYPHAK PPYSYISLIT MAIQQAPSKM LTLSEIYQWI MDLFPYYRQN QQRWQNSIRH SLSFNACFVK VARSPDKPGK GSYWTLHPDS GNMFENGCYL RRQKRFKCEK QPGAGGGSGG GGSKGVPENR KDPSGPVNPS AESPIHRGVH GKASQLEGAP APGPAASPQT LDHSGATATG GGSELKSPAS SSAPPISSGP GGWICTPLSP TWLAPHESQL HLKGAPHYSF NHPFSINNLM SSSEQQHKLD FKAYEQALQY SPYGATLPAS LPLGGASVAT RSPIEPSALE PAYYQGVYSR PVLNTS
Source	E.coli
Target Names	Foxa1
Protein Names	Recommended name: Hepatocyte nuclear factor 3-alpha Short name= HNF-3-alpha Short name= HNF-3A Alternative name(s): Forkhead box protein A1
Expression Region	1-466
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 forkhead class of DNA-binding proteins. These hepatocyte nuclear factors are transcriptional activators for liver-specific transcripts such as albumin and transthyretin, and they also interact with chromatin. Similar family members in mice have roles in the regulation of metabolism and in the differentiation of the pancreas and liver.
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.