



# Recombinant Human Hepatocyte nuclear factor 3-gamma (FOXA3)

<b>Product Code</b>	CSB-EP008796HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P55318
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLGSVKMEAH DLAEWSYYPE AGEVYSPVTP VPTMAPLNSY MTLNPLSSPY PPGGLPASPL PSGPLAPPAP AAPLGPTFPG LGVSGGSSSS GYGAPGPGLV HGKEMPKGYR RPLAHAKPPY SYISLITMAI QQAPGKMLTL SEIYQWIMDL FPYYRENQQR WQNSIRHSL S FND CFVKVAR SPD KPGKGSY WALHPSSGNM FENG CYLRRQ KRFKLEEKVK KGGSGAATTT R NGT GSAAST TTPAATVTSP PQPPPPAPEP EAQGGEDVGA LDCGSPASST PYFTGLELPG ELKLDAPYNF NHPFSINNL M SEQTPAPPKL DVGFGGYGAE GGEPGVYYQG LYSRLLNAS
<b>Source</b>	E.coli
<b>Target Names</b>	FOXA3
<b>Protein Names</b>	Recommended name: Hepatocyte nuclear factor 3-gamma Short name= HNF-3-gamma Short name= HNF-3G Alternative name(s): Fork head-related protein FKH H3 Forkhead box protein A3 Transcription factor 3G Short name= TCF-3G
<b>Expression Region</b>	1-350
<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 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. The crystal structure of a similar protein in rat has been resolved.
<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.
<b>Shelf Life</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.