



Recombinant Human Steroidogenic factor 1 (NR5A1)

Product Code	CSB-EP623795HU-B
Abbreviation	NR5A1
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.	Q13285
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDYSYDEDLD ELCPVCGDKV SGYHYGLLTC ESCKGFFKRT VQNNKHYTCT ESQSCKIDKT QRKRCPCFRF QKCLTVGMRL EAVRADRMRG GRNKFGPMYK RDRALKQQKK AQIRANGFKL ETGPPMGVPP PPPPAPDYVL PPSLHGPEPK GLAAGPPAGP LGDFGAPALP MAVPGAHGPL AGYLYPAFPG RAIKSEYPEP YASPPQPGLP YGYPEPFSGG PNVPELILQL LQLEPDEDQV RARILGCLQE PTKSRPDQPA AFGLLCRMAD QTFISVDWA RRCMVFKELE VADQMTLLQN CWSELLVFDH IYRQVQHGE GSILLVTGQE VELTTVATQA GSLLHSLVLR AQELVLQLLA LQLDRQEFVC LKFIILFSLD LKFLNNHILV KDAQEKANAA LLDYTLCHYP HCGDKFQQLL LCLVEVRALS MQAKEKEYLYHK HLGNEMPRNN LLIEMLQAKQ T
Source	E.coli
Target Names	NR5A1
Protein Names	Recommended name: Steroidogenic factor 1 Short name= SF-1 Short name= STF-1 Alternative name(s): Adrenal 4-binding protein Fushi tarazu factor homolog 1 Nuclear receptor subfamily 5 group A member 1 Steroid hormone recept
Expression Region	1-461
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 transcriptional activator involved in sex determination. The encoded protein binds DNA as a monomer. Defects in this gene are a cause of XY sex reversal with or without adrenal failure as well as adrenocortical insufficiency without ovarian defect.
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

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