



Recombinant Human Forkhead box protein N3 (FOXN3)

Product Code	CSB-YP008831HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00409
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MGPVMPPSKK PESSGISVSS GLSQCYGGSG FSKALQEDDD LDFSLPDIRL EEGAMEDDEL TNLNWLHESK NLLKSFGESV LRSVSPVQDL DDDTPPSPAH SDMPYDARQN PNCKPPYSFS CLIFMAIEDS PTKRLPVKDI YNWILEHFPY FANAPTGWKN SVRHNLSLNK CFKKVDKERS QSIGKGSWLC IDPEYRQNL QALKKTPYHP HPHVFNTPT CPQAYQSTSG PPIWPGSTFF KRNGALLQDP DIDAASAMML LNTPEIQAG FPPGVIQNGA RVLSRGLFPG VRPLPITPIG VTAAMRNGIT SCMRTESEP SCGSPVSGD PKEDHNYSSA KSSNARSTSP TSDSISSSSS SADDHYEFAT KGSQEGSEGS EGSFRSHESP SDTEEDDRKH SQKEPKDSLQ DSGYASQHKQ RQHFAKARKV PSDTLPLKKR RTEKPPESDD EEMKEAAGSL LHLAGIRSL NNITNRTAKG QKEQKETTQN
Source	Yeast
Target Names	FOXN3
Protein Names	Recommended name: Forkhead box protein N3 Alternative name(s): Checkpoint suppressor 1
Expression Region	1-490
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 is a member of the forkhead/winged helix transcription factor family. Checkpoints are eukaryotic DNA damage-inducible cell cycle arrests at G1 and G2. Checkpoint suppressor 1 suppresses multiple yeast checkpoint mutations including mec1, rad9, rad53 and dun1 by activating a MEC1-independent checkpoint pathway. Alternative splicing is observed at the locus, resulting in distinct isoforms.
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.