



Recombinant Mouse Forkhead box protein N1 (Foxn1)

Product Code	CSB-BP730743MO
Abbreviation	Foxn1
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.	Q61575
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MVSLPPQSD VTLPGSTRLE GEPQGDLMQA PGLPDSPAPQ NKHANFSCSS FVPDGPPERT PSLPPHSPSI ASPDPEQIQG HCTAGPGPGS FRLSPSEKYP GFGFEEGPAG SPGRFLKGNH MPFHYPYKRHF HEDIFSEAQT AMALDGHSFK TQGALEAFEE IPVDMGDAEA FLPSFPAEAW CNKLPYPSQE HNQILQGSEV KVKPQALDSG PGMICYQPPL QHMYCSSQPA FHQYSPGGGS YPVPYLGSPH YPYQRIAPQA NAEQHQLPFP KPIYSYSILI FMALKNSKTG SLPVSEIYNF MTEHFPYFKT APDGWKNsvr HNLSLNKCFE KVENKSGSSS RKGCLWALNP SKIDKMQEEL QKWKRKDPIA VRKSMAKPEE LDSLIGDKRE KLGSPLLGCP PPGLAGPGPI RPMAPSAGLS QPLHPMHPAP GMPGKNPLQ DLLGGHAPSC YGQTYPHLSP SLAPSGHQQP LFPQPDGHLE LQAQPGTPQD SPLPAHTPPS HGAKLMAEPS SARTMHD TLL PDGDLGTDLD AINPSLTDFD FQGNLWEQLK DDSLALDPLV LVTSSPTSSS MLPPPPAAHC FPPGPCLAET GNEAGELAPP GSGGSGALGD MHLSTLYSAF VELESTPSSA AAGPAVYLSP GSKPLALA
Source	Baculovirus
Target Names	Foxn1
Protein Names	Recommended name: Forkhead box protein N1 Alternative name(s): Hepatocyte nuclear factor 3 forkhead homolog 11 Short name= HFH-11 Short name= HNF-3/forkhead homolog 11 Winged-helix transcription factor nude
Expression Region	1-648
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	Mutations in the winged-helix transcription factor gene at the nude locus in mice and rats produce the pleiotropic phenotype of hairlessness and athymia, resulting in a severely compromised immune system. This gene is orthologous



to the mouse and rat genes and encodes a similar DNA-binding transcription factor that is thought to regulate keratin gene expression. A mutation in this gene has been correlated with T-cell immunodeficiency, the skin disorder congenital alopecia, and nail dystrophy. Alternative splicing in the 5' UTR of this gene has been observed.

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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