



Recombinant Mouse Nuclear receptor subfamily 4 group A member 1 (Nr4a1)

Product Code	CSB-EP016062MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P12813
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MPCIQAQYGT PATSPGPRDH LTGDPLALEF GKPTMDLASP ETAPAAPATL PSFSTFMDGY TGEFDTFLYQ LPGTTQPCSS ACSSASSTSS SSSSATSPAS ASFKFEDFQV YGCYPGTLTG PLDETLSSSG SEYYGSPCSA PSPSTPNFQP SQLSPWDGSF GHFSPSQTYE GLWAWTEQLP KASSGPPPPP TFFSFSPPTG PSPSLAQSSL KLFPPPATHQ LGEGESYSMP AAFPLAPTS PNRDTSGILD APVTSTKSRS GASGGSEGRG AVCGDNASCQ HYGVRTCEGC KGFFKRTVQK SAKYICLANK DCPVDKRRRN RCQFCRFQKC LAVGMVKEVV RTDSLKGRRG RLPSKPKQPP DASPTNLLTS LIRAHLDSPG STAKLDYSKF QELVLPFRGK EDAGDVQQFY DLLSGSLDVI RKWAEKIPGF IELCPGDQDL LLESAFLELF ILRLAYRSKP GEGKLIFCSG LVLHQLQCAR GFGDWIDNIL AFSRSLHSLG VDVPAFACLS ALVLITDRHG LQDPRRVEEL QNRIASCLKE HMATVAGDPQ PASCLSRLLG KLPELRTLCT QGLQRIFCLK LEDLVPPPI VDKIFMDTLS F
Source	E.coli
Target Names	Nr4a1
Protein Names	Recommended name: Nuclear receptor subfamily 4 group A member 1 Alternative name(s): Nuclear hormone receptor NUR/77 Nuclear protein N10 Orphan nuclear receptor HMR
Expression Region	1-601
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 steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified.
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.