



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

Product Code	CSB-EP016062RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P22829
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MPCIQAQYGT PATSPGPRDH LTGDPLALEF SKPTMDLASP ETAPTAPATL PSFSTFMDGG YTGEFDTFLY QLPGTAQPCS SASSTSSSSS SATSPASASF KFEDFQVYGC YPGTSLGPLD ETLSSSGSDY YGSPCSAPSP PTPNFQPSQL SPWDGSFGHF SPSQTYEGLR VWTEQLPKAS GPPPPPTFFS FSPPTGSPSP LAQSSLKLFAPATHQLGEG ESYSVPAAFP GLAPTSPNCD TSGILDAPVT STKARSGSSG GSEGRCAVCG DNASCQHYGV RTCEGCKGFF KRTVQKSAKY ICLANKDCPV DKRRRNRCQF CRFQKCLAVG MVKEVVRTDS LKGRRLRPLS KPKQPPDASP TNLTLTLIRA HLDSPNTAK LDYSKFQELV LPRFGKEDAG DVQQFYDLLS GSLDVIRKWA EKIPGFIELS PGDQDLLLES AFLELFILRL AYRSKPGEGK LIFCSGLVLH RLQCARGFGD WIDNILAFSR SLHSLGVDVP AFACLSALVL ITDRHGLQDP RRVEELQNRI ASCLKEHMAA VAGDPQPASC LSRLGKLPE LRTLCTQGLQ RIFCLKLEDL VPPPIVDKI FMDTLSF
Source	E.coli
Target Names	Nr4a1
Protein Names	Recommended name: Nuclear receptor subfamily 4 group A member 1 Alternative name(s): NUR77 Nerve growth factor-induced protein I-B Short name= NGFI-B Orphan nuclear receptor HMR
Expression Region	1-597
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.