



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

<b>Product Code</b>	CSB-BP016062RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P22829
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 LKGRRLRLPS KPKQPPDASP TNLTLTLIRA HLDSPNTAK LDYSKFQELV LPRFGKEDAG DVQQFYDLLS GSLDVIRKWA EKIPGFIELS PGDQDLLLES AFLELFILRL AYRSKPGEGK LIFCSGLVLH RLQCARGFGD WIDNILAFSR SLHSLGVDVP AFACLSALVL ITDRHGLQDP RRVEELQNRI ASCLKEHMAA VAGDPQPASC LSRLGKLP LRTLCTQGLQ RIFCLKLEDL VPPPIVDKI FMDTLSF
<b>Source</b>	Baculovirus
<b>Target Names</b>	Nr4a1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-597
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.