Recombinant Mouse Nuclear receptor ROR-alpha (Rora)

Product Code	CSB-MP020069MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P51448
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MESAPAAPDP AASEPGSSGS EAAAGSRETP LTQDTGRKSE APGAGRRQSY ASSSRGISVT KKTHTSQIEI IPCKICGDKS SGIHYGVITC EGCKGFFRRS QQSNATYSCP RQKNCLIDRT SRNRCQHCRL QKCLAVGMSR DAVKFGRMSK KQRDSLYAEV QKHRMQQQQR DHQQQPGEAE PLTPTYNISA NGLTELHDDL STYMDGHTPE GSKADSAVSS FYLDIQPSPD QSGLDINGIK PEPICDYTPA SGFFPYCSFT NGETSPTVSM AELEHLAQNI SKSHLETCQY LREELQQITW QTFLQEEIEN YQNKQREVMW QLCAIKITEA IQYVVEFAKR IDGFMELCQN DQIVLLKAGS LEVVFIRMCR AFDSQNNTVY FDGKYASPDV FKSLGCEDFI SFVFEFGKSL CSMHLTEDEI ALFSAFVLMS ADRSWLQEKV KIEKLQQKIQ LALQHVLQKN HREDGILTKL ICKVSTLRAL CGRHTEKLMA FKAIYPDIVR LHFPPLYKEL FTSEFEPAMQ IDG
Source	Mammalian cell
Target Names	Rora
Protein Names	Recommended name: Nuclear receptor ROR-alpha Alternative name(s): Nuclear receptor RZR-alpha Nuclear receptor subfamily 1 group F member 1 Retinoid-related orphan receptor-alpha
Expression Region	1-523
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 protein is a member of the NR1 subfamily of nuclear hormone receptors. It can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The specific functions of this protein are not known, but it has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, as well as with NM23-1, the product of a tumor metastasis suppressor candidate gene. Four transcript variants encoding different isoforms have been described for this gene.
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.