



# Recombinant Mouse Nuclear receptor ROR-gamma (Rorc)

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| <b>Product Code</b>      | CSB-EP020071MO   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P51450   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MDRAPQRHHR TSRELLAAKK THTSQIEVIP CKICGDKSSG IHYGVITCEG<br>CKGFFRRSQQ CNVAYSCTRQ QNCPIDRTSR NRCQHCLRLQK<br>CLALGMSRDA VKFGRMSKKQ RDSLHAEVQK QLQQQQQQEQ<br>VAKTPPAGSR GADTLTYTLG LSDGQLPLGA SPDLPEASAC PPGLLRASGS<br>GPPYSNTLAK TEVQGASCHL EYSPERGKAE GRDSIYSTDG QLTLGRCGLR<br>FEETRHPELG EPEQGPDSHC IPSFCSAPEV PYASLTDIEY LVQNVCKSFR<br>ETCQLRLEDL LRQRTNLFSSR EEVTSYQRKS MWEMWERCAH HLTEAIQYVV<br>EFAKRLSGFM ELCQNDQIIL LTAGAMEVVL VRMCRAYNAN NHTVFFEGKY<br>GGVELFRALG CSELISSIFD FSHFLSALCF SEDEIALYTA LVLINANRPG<br>LQEKRRVEHL QYNLELAFHH HLCKTHRQGL LAKLPPKGKL RSLCSQHVEK<br>LQIFQHLHPI VVQAAFPLY KELFSTDVES PEGLSK |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | Rorc   |
| <b>Protein Names</b>     | Recommended name: Nuclear receptor ROR-gamma Alternative name(s):<br>Nuclear receptor RZR-gamma Nuclear receptor subfamily 1 group F member 3<br>Retinoid-related orphan receptor-gamma Thymus orphan receptor Short name=<br>TOR  |
| <b>Expression Region</b> | 1-516  |
| <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 protein is a DNA-binding transcription factor and is a member of the NR1 subfamily of nuclear hormone receptors. The specific functions of this protein are not known; however, studies of a similar gene in mice have shown that this gene may be essential for lymphoid organogenesis and may play an important regulatory role in thymopoiesis. In addition, studies in mice suggest that This protein may inhibit the expression of Fas ligand and IL2. Two transcript variants encoding different isoforms have been found for this gene.  |
| <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.