



Recombinant Human Nuclear receptor ROR-beta (RORB)

Product Code	CSB-EP821694HU-B
Abbreviation	RORB
Storage	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.
Uniprot No.	Q92753
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MCENQLKTKA DATAQIEVIP CKICGDKSSG IHYGVITCEG CKGFFRRSQQ NNASYSCPRQ RNCLIDRTNR NRCQHCRLQK CLALGMSRDA VKFGRMSKKQ RDSLYAEVQK HQRRLQEQRQ QQSGEAEALA RVYSSSISNG LSNLNNETSG TYANGHVIDL PKSEGYYNVD SGQPSPDQSG LDMTGIKQIK QEPIYDLTSV PNLFTYSSFN NGQLAPGITM TEIDRIAQNI IKSHLETCQY TMEELHQLAW QTHTYEEIKA YQSKSREALW QQCAIQITHA IQYVVEFAKR ITGFMELCQN DQILLKSGC LEVVLVRMCR AFNPLNNTVL FEGKYGGMQM FKALGSDDL V NEAFDFAKNL CSLQLTEEEI ALFSSAVLIS PDRAWLIEPR KVQKLQEKIY FALQHVIQKN HLDDETLAKL IAKIPTITAV CNLHGEKLQV FKQSHPEIVN TLFPLYKEL FNPDCATGCK
Source	E.coli
Target Names	RORB
Protein Names	Recommended name: Nuclear receptor ROR-beta Alternative name(s): Nuclear receptor RZR-beta Nuclear receptor subfamily 1 group F member 2 Retinoid-related orphan receptor-beta
Expression Region	1-470
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 is a DNA-binding protein that 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.

**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

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