



Recombinant Rat Retinoic acid receptor RXR-beta (Rxrb)

Product Code	CSB-EP020613RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49743
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>GEAGRDGMGD TGRDSRSPDS SSPNPLSQGI PPSSPPGPPH TPSAPPPMP PPPLGSPFPV ISSSMGSPGL PPPAPPGFSG PVSSPQINST VSLPGGGSGP PEDVKPPVLG VRGLHCPPPP GGPGAGKRLC AICGDRSSGK HYGVSCEGC KGFFKRTIRK DLTYSRDNK DCTVDRQRN RCQYCRYQKC LATGMKREAV QEERQRGKDK DGDGDGAGGA PEEMPVDRIL EAEHAVEQKS DQGVEGPGAT GGGGSSPNDP VTNICQAADK QLFTLVEWAK RIPHFSSLPL DDQVILLRAG WNELLIASFS HRSIDVRDGI LLATGLHVHR NSAHSAGVGA IFDRVLTSLV SKMRDMRMDK TELGCLRAII LFNPDAGLS NPGEVEILRE KVYASLETYC KQKYPEQQGR FAKLLLRLPA LRSIGLKCLE HLFFFKLIGD TPIDTFLMEM LEAPHQLA</p>
Source	E.coli
Target Names	Rxrb
Protein Names	Recommended name: Retinoic acid receptor RXR-beta Alternative name(s): Nuclear receptor coregulator 1 Nuclear receptor subfamily 2 group B member 2 Retinoid X receptor beta
Expression Region	1-458
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 retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. The gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6. An alternatively spliced transcript variant has been described, but its full length sequence has not been determined.
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.