



# Recombinant Rat Retinoic acid receptor RXR-beta (Rxb)

<b>Product Code</b>	CSB-MP020613RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P49743
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>GEAGRDGMGD TGRDSRSPDS SSPNPLSQGI PPSSPPGPPH TPSAPPPMP  PPPLGSPFPV ISSSMGSPGL PPPAPPGFSG PVSSPQINST VSLPGGGSGP  PEDVKPPVLG VRGLHCPPPP GPGGAGKRLC AICGDRSSGK HYGVYSCEGC  KGFFKRTIRK DLTYSRDNDK DCTVDKRQRN RCQYCRYQKC LATGMKREAV  QEERQRGKDK DGDGDGAGGA PEEMPVDRIL EAELAVEQKS  DQGVGPGAT GGGGSSPNDP VTNICQAADK QLFTLVEWAK RIPHFSSLPL  DDQVILLRAG WNELLIASFS HRSIDVRDGI LLATGLHVHR NSAHSAGVGA  IFDRVLTELV SKMRDMRMDK TELGCLRARI LFNPDAGLS NPGEVEILRE  KVYASLETYC KQKYPEQQGR FAKLLRLPA LRSIGLKCLE HLFFFKLIGD  TPIDTFLMEM LEAPHQLA</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Rxb
<b>Protein Names</b>	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
<b>Expression Region</b>	1-458
<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 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.
<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.

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**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.