



# Recombinant Rat Retinoic acid receptor RXR-alpha (Rxra)

<b>Product Code</b>	CSB-BP020612RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q05343
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MDTKHFLPLD FSTQVNSSSL SSPTGRGSMA APSLHPSLGP GLGSPLGSPG            QLHSPISTLS SPINGMGPPF SVISSPMGPH SMSVPTTPTL GFETGSPQLN            SPMNPVSSSE DIKPPLGLNG VLKVPAPHPG NMSSFTKHIC AICGDRSSGK            HYGVSCEGC KGFFKRTVRK DLYTTCRDNK DCLIDKRQRN RCQYCRYQKC            LAMGMKREAV QEERQRGKDR NENEVESTSS ANEDMPVEKI LEAELAVEPK            TETYVEANMG LNPSSPNDPV TNICQAADKQ LFTLVEWAKR IPHFSELPLD            DQVILLRAGW NELLIASFSH RSIAVKDGIL LATGLHVHRN SAHSAGVGAI            FDRVLTELVS KMRDMQMDKT ELGCLRAIVL FNPDSKGLSN PAEVEALREK            VYASLEAYCK HKYPEQPGRF AKLLLRPAL RSIGLKCLEH LFFFKLIGDT            PIDTFLMEML EAPHQTT</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	Rxra
<b>Protein Names</b>	Recommended name: Retinoic acid receptor RXR-alpha Alternative name(s): Nuclear receptor subfamily 2 group B member 1 Retinoid X receptor alpha
<b>Expression Region</b>	1-467
<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>	Retinoid X receptors (RXRs) and retinoic acid receptors (RARs), are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors exert their action by binding, as homodimers or heterodimers, to specific sequences in the promoters of target genes and regulating their transcription. This protein is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators.
<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.