



Recombinant Rat Retinoic acid receptor RXR-alpha (Rxra)

Product Code	CSB-EP020612RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q05343
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MDTKHFLPLD FSTQVNSSSL SSPTGRGSMA APSLHPSLGP GLGSPLGSPG QLHSPISTLS SPINGMGPPF SVISSPMGPH SMSVPTTPTL GFETGSPQLN SPMNPVSSSE DIKPPLGLNG VLKVPAPHPG NMSSFTKHIC AICGDRSSGK HYGVYSCEGC KGFFKRTVRK DLYTTCRDNK DCLIDKRQRN RCQYCRYQKC LAMGMKREAV QEERQRGKDR NENEVESTSS ANEDMPVEKI LEAELAVEPK TETYVEANMG LNPSSPNDPV TNICQAADKQ LFTLVEWAKR IPHFSELPLD DQVILLRAGW NELLIASFSH RSIAVKDGIL LATGLHVHRN SAHSAGVGAI FDRVLTVELVS KMRDMQMDKT ELGCLRAIVL FNPDSKGLSN PAEVEALREK VYASLEAYCK HKYPEQPGRF AKLLLRPAL RSIGLKCLEH LFFFKLIGDT PIDTFLMEML EAPHQTT
Source	E.coli
Target Names	Rxra
Protein Names	Recommended name: Retinoic acid receptor RXR-alpha Alternative name(s): Nuclear receptor subfamily 2 group B member 1 Retinoid X receptor alpha
Expression Region	1-467
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	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.
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.