



Recombinant Human Retinoic acid receptor RXR-gamma (RXRG)

Product Code	CSB-EP020614HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48443
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MYGNYSHFMK FPAGYGGSPG HTGSTSMSPS AALSTGKPMDSHPSYTDTPV SAPRTLAVG TPLNALGSPY RVITSAMGPP SGALAAPPGI NLVAPPSSQL NVVNSVSSSE DIKPLPGLPG IGMNYPSTS PGSLVKHICA ICDRSSGKH YGVYSCEGCK GFFKRTIRKD LIYTCRDNKD CLIDKRQRNR CQYCRYQKCL VMGMKREAVQ EERQRSRERA ESEAECATSG HEDMPVERIL EAELAVEPKT ESYGDMNMEN STNDPVTNIC HAADKQLFTL VEWAKRIPHF SDLTLEDQVI LLRAGWNELL IASFSHRSVS VQDGILLATG LHVHRSSAHS AGVGSIFDRV LTELVSKMKD MQMDKSELGC LRAIVLFNPD AKGLSNPSEV ETLREKVYAT LEAYTKQKYP EQPGRFAKLL LRLPALRSIG LKCLEHLFFF KLIGDTPIDT FLMEMLETPL QIT
Source	E.coli
Target Names	RXRG
Protein Names	Recommended name: Retinoic acid receptor RXR-gamma Alternative name(s): Nuclear receptor subfamily 2 group B member 3 Retinoid X receptor gamma
Expression Region	1-463
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 antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
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.