



# Recombinant Human Retinoic acid receptor RXR-gamma (RXRG)

<b>Product Code</b>	CSB-MP020614HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P48443
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MYGNYSHFMK FPAGYGGSPG HTGSTSMSPS AALSTGKPM D            SHPSYTDTPV SAPRTL SAVG TPLNALGSPY RVITSAMGPP SGALAAPPGI            NLVAPPSSQL NVVNSVSSSE DIKPLPGLPG IGNMNYPSTS PGSLVKHICA            ICGDRSSGKH 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</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	RXRG
<b>Protein Names</b>	Recommended name: Retinoic acid receptor RXR-gamma Alternative name(s): Nuclear receptor subfamily 2 group B member 3 Retinoid X receptor gamma
<b>Expression Region</b>	1-463
<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 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.
<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.