



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

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP607765PI   |
| <b>Abbreviation</b>      | RXRG   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q0GFF6   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Sus scrofa (Pig)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MYGNYSHFMK FPTGFGGSPG HSGSTSMSPS AALSTGKPM D<br>SHPSYTDTPV SAPRTL SAVG TPLNALGSPY RVITSTMGPP SGT LAAPPGI<br>NLVAPPSSQL NVVNSV SISE DIKPLPLPG IGNMNPSTS PGSLVKHICA<br>ICGDRSSGKH YGVYSCEGCK GFFKRTIRKD LIYTCRDNKD CLIDKRQRNR<br>CQYCRYQKCL VMGMKREAVQ EERQRSRERA ESEAE CASSG<br>HEDMPVERIL EAELAVEPKT ESYGDMNMEN STNDPVTNIC HAADKQLFTL<br>VEWAKRIPHF SDLTLEDQVI LLRAGWNELL IASFSHR SVS VQDGILLATG<br>LHVHRSSAHS AGVGSIFDRV LTELVSKMKD MQMDKSELGC LRAIVLFNPD<br>AKGLSNPSEV ETLREKVYAT LEAYTKQKYP EQPGRFAKLL LRLPALRSIG<br>LKCLEHLFFF KLIGDTPIDT FLMEMLETPL QIT         |
| <b>Source</b>            | E.coli   |
| <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. |



---

**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.