



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

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| <b>Product Code</b>      | CSB-EP020614CH-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Uniprot No.</b>       | P28701                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen Species</b> | Gallus gallus (Chicken)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Sequence</b>          | <p>MYGNYPHFIK FPAGFGNSPV HASSTSVSPS SSSLVGSTVD GHHNYLEAPT<br/>         NASRALPSM NTIGSPVNAL GSPYRVIASS IGSHPVALLS SAPGMNFVTH<br/>         SPQPNVLNNV SSEDIKPLP GLPGIGNMNY PSTSPGSLAK HICAICGDRS<br/>         SGKHYGVYSC EGCKGFFKRT IRKDLIYTCR DNKDCLIDKR QRNRCQYCRY<br/>         QKCLAMGMKR EAVQEERQGS RERSENEAES TSGGSEDMPV ERILEAELAV<br/>         EPKTEAYSDV NTESSNDPV TNICHAADKQ LFTLVEWAKR IPHFSDLTLE<br/>         DQVILLRAGW NELLIASFSH RSVSVQDGIL LATGLHVHRS SAHSAGVGS<br/>         FDRVLTSLVS KMKDMQMDKS ELGCLRAIVL FNPDAKGLSS PSEVESLREK<br/>         VYATLEAYTK QKYPEQPGRF AKLLRLPAL RSIGLKCLEH LFFFKLIGDT<br/>         PIDTFLMEML ETPLQVT</p> |
| <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> | 1-467                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <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>    | <p>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.</p>                                                                              |
| <b>Reconstitution</b>    | <p>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</p>                                                                                                                                                                                                                                                                                                              |



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.