



Recombinant Rat Interleukin-22 receptor subunit alpha-2 (Il22ra2)

Product Code	CSB-EP756016RA-B
Abbreviation	Il22ra2
Storage	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.
Uniprot No.	Q7TNI4
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	T QPAHVSLKPQ KVQFQSRNFH NILHWQPGNS LTSNGSVYFV QYKTYGQGQW KDKNDCWGTT ALFCDLTKET LDPYEPYYGR VMMAWAGSYS EWTRTPRFTP WWETKLDPPV VTITRVNASL RVRLRPPPELP HRNQTGKNTS MENYYNLVYR VSIINNSLEK EQKAYEGTQR AVEIQGLTPH CSYCVVAEMY QPMFDRRSPR SKERCVQIP
Source	E.coli
Target Names	Il22ra2
Protein Names	Recommended name: Interleukin-22 receptor subunit alpha-2 Short name= IL-22 receptor subunit alpha-2 Short name= IL-22R-alpha-2 Short name= IL-22RA2 Alternative name(s): Cytokine receptor family type 2, soluble 1 Short nam
Expression Region	20-229
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 of Mature Protein
Target Details	This protein is a soluble class II cytokine receptor. This protein has been shown to specifically bind to interleukin 22 (IL22), block the interaction of IL22 with its cell surface receptor, and thus inhibit IL22 activity. This protein functions as an IL22 antagonist, and may be important in the regulation of inflammatory response. Three alternatively spliced transcript variants encoding distinct isoforms have been described.
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.