

Recombinant Mouse IL-20RA Protein

Catalog No.: RP02617 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Mouse | 237313 | Q6PHB0 |

Tags

C-hFc

Synonyms

IL-20R-alpha; IL-20RA; CRF2-8; IL-20R1; ZcytoR7; FLJ40993

Product Information

| Source | Purification |
|--------------|--------------------------------------|
| HEK293 cells | > 95% as determined by Tris-Bis PAGE |

Endotoxin


Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Background

IL-20RA was highly expressed in the tumor tissue of CRC and related to the advanced stage. IL-20RA was involved in regulating oncogenic and immune pathways and affecting the expression of genes related to cell proliferation and immune evasion in CRC. Super-enhancer inhibition by JQ-1 or iBET-151 suppressed the growth of tumor cells and inhibited the expression of IL-20RA.

Basic Information

Description

Recombinant Mouse IL-20RA Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Val33-Lys253.

Bio-Activity

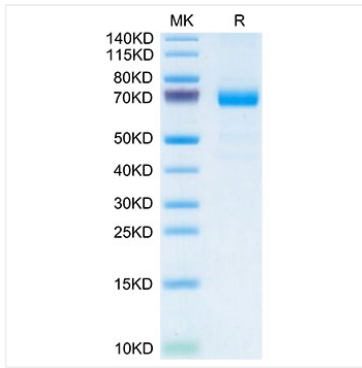
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

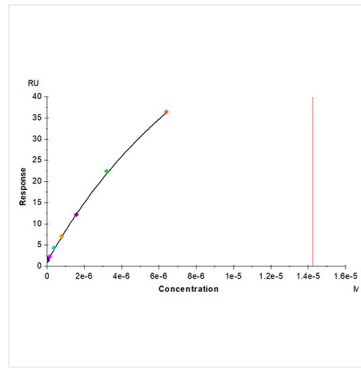
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Mouse IL-20RA on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



Mouse IL-20RA, hFc Tag captured on CM5 Chip via Protein A can bind Mouse IL-20, His Tag with an affinity constant of 14.26 μ M as determined in SPR assay (Biacore T200).