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 HEK293 cells	Purification ≥ 95 % as determined by Tris- Bis PAGE.
Calculated MW	Observed MW

Calculated	MW	Observed	ΜV
52.1 kDa		65-70 kDa	

Endotoxin

< 1 EU/ μ g of the protein by 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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

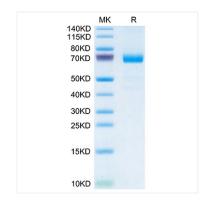
Recombinant Mouse IL-20RA Protein is expressed from Expi293 with hFc tag at the C-terminal.[]It contains Val33-Lys253.

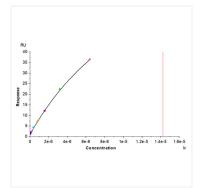
Bio-Activity

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.







Recombinant Mouse IL-20RA Protein was determined by Tris-Bis PAGE under reducing conditions.

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 μM as determined in SPR assay (Biacore T200).