

Datasheet for ABIN7274931

IL20RA Protein (AA 33-253) (Fc Tag)**3** Images[Go to Product page](#)

Overview

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|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | IL20RA |
| Protein Characteristics: | AA 33-253 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IL20RA protein is labelled with Fc Tag. |

Product Details

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|------------------------------|--|
| Purpose: | Mouse IL-20RA Protein |
| Sequence: | Val33-Lys253 |
| Characteristics: | Recombinant Mouse IL-20RA Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Val33-Lys253. |
| Purity: | > 95 % as determined by Tris-Bis PAGE |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | Less than 1EU per µg by the LAL method. |
| Biological Activity Comment: | The affinity constant of 14.26 µM as determined in SPR assay (Biacore T200). See testing image for detail. |

Target Details

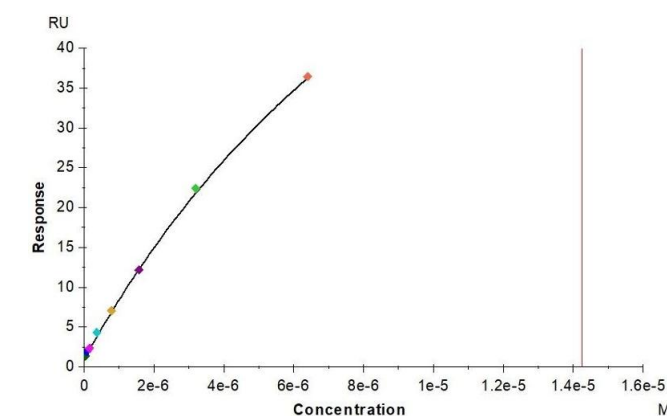
| | |
|-------------------|--|
| Target: | IL20RA |
| Alternative Name: | IL-20RA (IL20RA Products) |
| Background: | IL-20RA was highly expressed in the tumor tissue of CRC and related to the advanced stage.IL-20RA was involved in regulating oncogenic and immune pathways and affecting the expression 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. |
| Molecular Weight: | 52.1 kDa. Due to glycosylation, the protein migrates to 65-70 kDa based on Tris-Bis PAGE result. |
| UniProt: | Q6PHB0 |

Application Details

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| Restrictions: | For Research Use only |
|---------------|-----------------------|

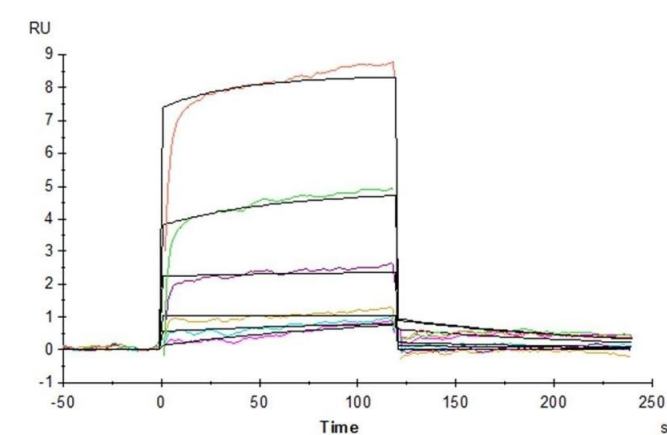
Handling

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|------------------|---|
| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |



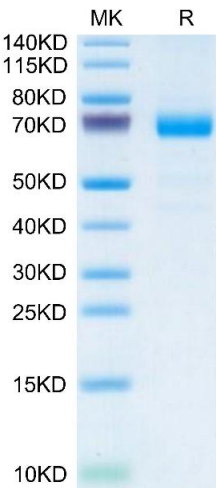
Surface Plasmon Resonance

Image 1. 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).



Surface Plasmon Resonance

Image 2. Mouse IL-20RA, hFc Tag captured on CM5 Chip via Protein A can bind Mouse IL-20, His Tag with an affinity constant of 1.56 μ M as determined in SPR assay (Biacore T200).



SDS-PAGE

Image 3. Mouse IL-20RA Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .