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# IL-36RA, Human recombinant protein

**FIL1 delta, IL-1F5, IL-1HY1, IL-1L1, IL-1RP3, IL-1ra Homolog 1, IL-1 delta**

**Catalog # PBV10744r**

## Specification

### IL-36RA, Human recombinant protein - Product info

| | |
|---|---|
| Primary Accession | Q9JLA2 |
| Calculated MW | **17 kDa KDa** |

### IL-36RA, Human recombinant protein - Additional Info

| | |
|---|---|
| Gene ID | **54448** |
| Gene Symbol | **IL36RA** |

**Other Names**

FIL1 delta, IL-1F5, IL-1HY1, IL-1L1, IL-1RP3, IL-1ra Homolog 1, IL-1 delta

| | |
|---|---|
| Gene Source | **Human** |
| Source | **E.coli** |
| Assay&Purity | **SDS-PAGE; ≥98%** |
| Assay2&Purity2 | **HPLC;** |
| Recombinant | **Yes** |
| Sequence | **VLSGALCFRM KDSALKVLYL HNNQLLAGGL HAEKVIKGEE ISVVPNRALD ASLSPVILGV QGGSQCLSCG TEKGPILKLE PVNIMELYLG AKESKSFTFY RRDMGLTSSF ESAAYPGWFL CTSPEADQPV RLTQIPEDPA WDAPITDFYF QQCD** |

**Target/Specificity**

IL-36RA

**Application Notes**

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

**Format**

Lyophilized powder

**Storage**

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 10 mM Sodium Phosphate, pH 7.5.

### IL-36RA, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**IL-36RA, Human recombinant protein - Images**

**IL-36RA, Human recombinant protein - Background**

The IL-1 family is comprised of 11 structurally related ligands, including the recently re-named IL-36RA (IL-1F5), IL-36α (IL-1F6), IL-36β (IL-1F8), and IL-36γ (IL-1F9). The interaction of IL-36 ligands with the IL-1Rrp2 receptor (IL-1R6) can induce various activities, including dendritic cell maturation and activation. IL-36RA can antagonize the NF-kappaB signaling induced by either IL-36α, -β or -γ by binding to the IL-1Rrp2 receptor in a manner that prevents the initiation of functional signaling. Recombinant human IL-36RA is an E. coli derived 17 kDa protein containing 154 amino acid residues.

**IL-36RA, Human recombinant protein - References**

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