

Recombinant Human IL-36RA
Catalog # PBG10231**Specification**

Recombinant Human IL-36RA - Product Information**Recombinant Human IL-36RA - Additional Information****Description**

The IL-1 family is comprised of 11 structurally related ligands, including the recently re-named IL-36RA (IL-1F5), IL-36 α (IL-1F6), IL-36 β (IL-1F8), and IL-36 γ (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-36 α , - 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.

Biological Activity

Measured by its ability to inhibit IL-36 γ induced IL-6 production by human PBMCs.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ μ g of protein (<1EU/ μ g).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human IL-36RA is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human IL-36RA - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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