

## 32-20447: Recombinant Human IL-36RA(Discontinued)

**Reactivity :** Human

**Alternative Name :** Interleukin-36RA, FIL1 delta, IL-1F5, IL-1HY1, IL-1L1, IL-1RP3, IL-1ra Homolog 1, IL-1 delta

### Description

**Source:** **E.coli** The IL-1 family is comprised of 11 structurally related ligands, including the recently re-named IL-36RA (IL-1F5), IL-36Alpha (IL-1F6), IL-36Beta (IL-1F8), and IL-36Gamma (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-kB signaling induced by either IL-36Alpha, Beta or Gamma 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.

### Product Info

**Amount :** 5 µg / 25 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** VLSGALCFRM KDSALKVLYL HNNQLLAGGL HAGKVIK GEE ISVVPNRWLD ASLSPVILGV  
QGGSQCLSCG VGQEPTLTLE PVNIMELYLG AKESKSFTFY RRDMGLTSSF ESAAYPGWFL  
CTVPEADQPV RLTQLPENGG WNAPITDFYF QQCD

### Application Note

Measured by its ability to inhibit secretion of IL-8 by A431 cells in the presence of IL-36Gamma.