

Recombinant Mouse Il36rn Protein, Myc/DDK-tagged

Cat. No. Il36rn-3505M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length interleukin 1 family, member 5 (delta) (Il1f5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Inhibits the activity of interleukin-36 (IL36A, IL36B and IL36G) by binding to receptor IL1RL2/IL-36R and preventing its association with the coreceptor IL1RAP for signaling. Part of the IL-36 signaling system that is thought to be present in epithelial barriers and to take part in local inflammatory response; similar to the IL-1 system with which it shares the coreceptor. Proposed to play a role in skin inflammation. May be involved in the innate immune response to fungal pathogens. May activate an anti-inflammatory signaling pathway by recruiting SIGIRR.
Molecular Mass	17.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name IL36rn interleukin 36 receptor antagonist [*Mus musculus* (house mouse)]

Official Symbol IL36rn

Synonyms

IL1F5; interleukin 1 family, member 5 (delta); interleukin-36 receptor antagonist protein; IL-1F5; IL-1L1; IL-1HY1; IL-1 delta; interleukin-1 HY1; interleukin-1 delta; interleukin-1 homolog 3; interleukin-1-like protein 1; interleukin-1 family member 5; interleukin 1 receptor antagonist homolog 1; IL36RN; Il-1h3; Il1hy1; AI413231; Fil1delta

Gene ID 54450

mRNA Refseq NM_001146087

Protein Refseq NP_001139559

UniProt ID Q9QYY1

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