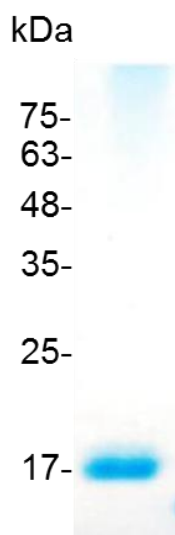


PRODUCT INFORMATION

IL-36RA (Interleukin-36 receptor antagonist), Human

Catalog number	C01044-5UG / C01044-20UG / C01044-100UG
Package	5 µg / 20 µg / 100 µg
Description	As a result of the interaction of IL-36 ligands with the IL-1Rrp2 receptor. Various activities including dendritic cell maturation and activation are induced. IL-36RA can antagonize the NF-κB signaling through binding to the IL-1Rrp2 receptor by either IL-36α, β or γ in a way of preventing the initiation of functional signaling.
Source	<i>Escherichia coli</i>
Sequence	MVLSGALCFRMKDSALKVLYLHNNQLLAGGLHAGKVIKGEESVVPNRWLDASLSPVILGVQGGSQCLSCGVGQEPTLTLEPVNIMELYLGAKESKSFTFYRRDMGLTSSFESAAYPGWFLCTVPEADQPVRLTQLPENGGWNAPITDFYFQQCD with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to inhibit IL-36 gamma-induced IL-8 secretion in PBMC cells. The ED ₅₀ for this effect is <2 ng/mL in the presence of 500 ng/mL of recombinant human IL-36 gamma.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human IL-36RA

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