

Product Datasheet

Human IL-36RA protein (orb107770)

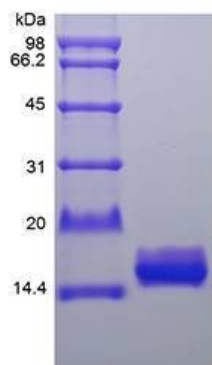
Catalog Number	orb107770
Description	Interleukin-36 receptor antagonist (IL-36RA) is a secreted protein which belongs to the interleukin 1 cytokine family (IL-1family) and it is predominantly expressed in keratinocytes but not in fibroblasts, endothelial cells or melanocytes. IL-36RA has been reported to antagonize the biological activity of IL-36G (IL-1F6), IL-36H (IL-1F8), and IL-36I (IL-1F9). Furthermore, it could constitute part of an independent signaling system analogous to interleukin-1 alpha (IL-1A), beta (IL-1B) receptor agonist and interleukin-1 receptor type I (IL-1R1). In addition, The receptor for IL-36RA has not been positively identified. Indirect evidence suggests it is IL-1Rrp2. Recombinant human IL-36 RA contains 154 amino acid residues and it shares 91 % a.a.sequence identity with murine IL-36RA.
Conjugation	Unconjugated
Tested Applications	HPLC, SDS-PAGE
Target	IL-36RA
Preservatives	Lyophilized from a 0.2 "m filtered concentrated solution in PBS, pH 7.4.
Storage	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
Note	For research use only
Protein Sequence	VLSGALCFRM KDSALKVLYL HNNQLLAGGL HAGKVIKGEE ISVVPNRWLD ASLSPVILGVQGSQCLSCG VGQEPTLTLE PVNIMELYLG AKESKSFTFY RRDMGLTSSF ESAAYPGWFLCTVPEADQPV RLTQLPENGW WNAPITDFYF QQCD
Purity	> 95 % by SDS-PAGE and HPLC analyses
MW	16.8 kDa
Expiration Date	6 months from date of receipt.

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SDS-PAGE analysis of Human IL-36RA protein

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