

## Product datasheet for **TP727624**

### IL36RN Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human IL-36RA
Species:	Human
Expression cDNA Clone or AA Sequence:	Val2-Asp155
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human Interleukin-36 Receptor Antagonist Protein is produced by our E.coli expression system and the target gene encoding Val2-Asp155 is expressed.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	26525
UniProt ID:	<a href="#">Q9UBH0</a>
Synonyms:	Interleukin-36 Receptor Antagonist Protein; FIL1 Delta; IL-1-Related Protein 3; IL-1RP3; Interleukin-1 HY1; IL-1HY1; Interleukin-1 Delta; IL-1 Delta; Interleukin-1 Family Member 5; IL-1F5; Interleukin-1 Receptor Antagonist Homolog 1; IL-1ra Homolog 1; Interleukin-1-Like Protein 1; IL-1L1; IL36RN; FIL1D; IL1F5; IL1HY1; IL1L1; IL1RP3
Summary:	Human Interleukin-36 Receptor Antagonist (IL-36RN) is a secreted protein which belongs to the Interleukin 1 cytokine family (IL-1 family). IL-36RN is predominantly expressed in keratinocytes but not in fibroblasts, endothelial cells or melanocytes. IL-36RN is also detected in the spleen, brain leukocyte and macrophage cell types. Increased in lesional psoriasis skin. IL-36RN is a highly and a specific antagonist of the IL-1 receptor-related protein 2-mediated response to Interleukin 1 family member 9 (IL1F9). Dysregulated expression of novel agonistic and antagonistic IL-1 family member ligands can promote cutaneous inflammation, revealing potential novel targets for the treatment of inflammatory skin disorders. Human and mouse IL-36RN share 90% sequence identity.
Protein Families:	Druggable Genome, Secreted Protein



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