

IL-1 Rrp2/IL-1 R6 recombinant protein

Recombinant Human IL-1 Rrp2/IL-1 R6 Protein

CATALOG #
AAA282188

HOST
HEK293 Cells

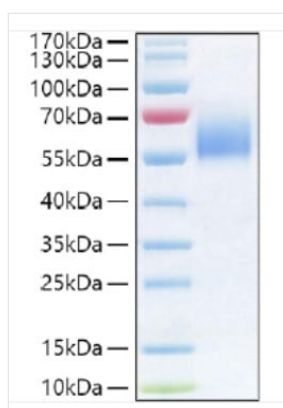
PRODUCT SYNONYMS

IL-1 Rrp2/IL-1 R6; Recombinant Human IL-1 Rrp2/IL-1 R6 Protein; IL-1 R6; IL-1Rrp2; IL1RL2; IL-1RL2; IL1Rrp2; IL1RRP2; IL-36R; IL-1 Rrp2/IL-1 R6 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Tags	C-His
Species	Human
Endotoxin	<0.1EU/ug
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles
Preparation and Storage	Store the lyophilized protein at -20 degrees C to -80 degrees C for long term. After reconstitution, the protein solution is stable at -20 degrees C for 3 months, at 2-8 degrees C for up to 1 week. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE

Recombinant Human IL-1 Rrp2/IL-1 R6 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55-65kDa.

ADDITIONAL INFORMATION

Related Product Information for IL-1 Rrp2/IL-1 R6 recombinant protein	IL1RL2 (Interleukin 1 Receptor-Like 2, also known as IL-36R) is a Protein Coding gene. The protein encoded by this gene is a member of the interleukin 1 receptor family. This gene and four other interleukin 1 receptor family genes form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. The IL36 receptor is an important mediator molecule in the inflammatory response. Animal data suggest that IL1RL2 is involved in mucosal healing. Therapeutic intervention of IL-36R signaling offers an innovative treatment paradigm for targeting epithelial cell-mediated inflammatory diseases such as the life-threatening psoriasis variant called generalized pustular psoriasis (GPP). Diseases associated with IL1RL2 include Familial Cold Autoinflammatory Syndrome 2 and Geographic Tongue. Recombinant Human IL-1 Rrp2/IL-1 R6 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp20-Arg335) of human IL-1 Rrp2/IL-1 R6 (Accession #NP_003845.2) fused with a 6×His tag at the C-terminus.
Product Categories/Family for IL-1 Rrp2/IL-1 R6 recombinant protein	Cytokines & Cytokine Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	28416902
NCBI GeneID	8808
NCBI Accession #	NP_003845
NCBI GenBank Nucleotide #	NP_003845.2
UniProt Accession #	Q9HB29
Molecular Weight	Calculated MW: 36.78 Observed MW: 55-65 kDa
NCBI Official Full Name	interleukin-1 receptor-like 2 isoform a
NCBI Official Synonym Full Names	interleukin 1 receptor like 2
NCBI Official Symbol	IL1RL2
NCBI Official Synonym Symbols	IL-36R; IL1RRP2; IL-1Rrp2; IL1R-rp2
NCBI Protein Information	interleukin-1 receptor-like 2
UniProt Protein Name	Interleukin-1 receptor-like 2
UniProt Gene Name	IL1RL2
UniProt Synonym Gene Names	IL1RRP2; IL-36R; IL-1Rrp2; IL1R-rp2
UniProt Entry Name	ILRL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.