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Datasheet for ABIN7520130 IL1RL2 Protein (His tag)

Overview

Quantity:	100 µg
Target:	IL1RL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RL2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL-36R/IL-1Rrp2/IL1RL2 Protein
Sequence:	DGCKDIFMKN EILSASQPFA FNCTFPPITS GEVSVTWYKN SSKIPVSKII QSRIHQDETW ILFLPMEWGD SGVYQCVIKG RDSCHRIHVN LTVFEKHWCD TSIGGLPNLS DEYKQILHLG KDDSLTCHLH FPKSCVLGPI KWKYKDCNEIK GERFTVLETR LLVSNVSAED RGNACQAIL THSGKQYEVL NGITVSITER AGYGGVSPKI IYPKNHSIEV QLGTTLIVDC NVTDTKDNTN LRCWRVNNNTL VDDYYDESKR IREGVETHVS FREHNLYTVN ITFLEVKMED YGLPFMCHAG VSTAYIILQL PAPDFR
Specificity:	Asp20-Arg335
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	IL1RL2
Alternative Name:	IL-36R/IL-1Rrp2/IL1RL2 (IL1RL2 Products)
Background:	<p>Description: 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.</p> <p>Name: IL1RL2,IL-1Rrp2,IL-36R,IL1R-rp2,IL1RRP2,IL36R</p>
Gene ID:	8808
UniProt:	Q9HB29

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
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.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.