Recombinant Human IL-1RL2 Protein (His Tag)

Catalog No. PKSH032562

Note: Centrifuge before opening to ensure complete recovery of vial contents.

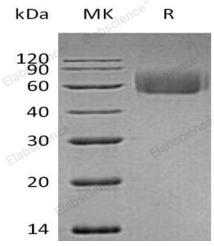
Description

Synonyms	Interleukin-1 receptor-like 2;IL1RL2;IL-36 receptor;IL-36R;IL-1Rrp2;IL1R-rp2;
Species	Human
Expression Host	HEK293 Cells
Sequence	Asp20-Tyr337
Accession	Q9HB29
Calculated Molecular Weight	37.0 kDa
Observed molecular weight	60 kDa
Tag	C-His
Bioactivity	Loaded Anti-Human IL-36R mAb-Fc on Protein A Biosensor, can bind Human IL-1RL2-His with an affinity constant of 0.03 nM as determined in BLI assay.

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Interleukin-1 receptor-like 2 is a protein that in humans is encoded by the IL1RL2 gene; belongs to the interleukin-1

receptor family.IL1RL2 is the receptor for interleukin-36 (IL36A; IL36B and IL36G). After binding to interleukin-36 associates with the coreceptor IL1RAP to form the interleukin-36 receptor complex which mediates interleukin-36-dependent activation of NF-kappa-B; MAPK and other pathways.

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