



Recombinant Protein Technical Manual

Recombinant Human ILRL2 Protein (His Tag)(Active)

RPES1039

Product Data:

Product SKU: RPES1039

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q9HB29

Protein Information:

Molecular Mass: 37.0 kDa

AP Molecular Mass: 60 kDa

Tag: C-6His

Bio-activity: Immobilized Human IL36a(Cat: PKSH033615) at 10µg/ml(100 µl/well) can bind Human ILRL2-His. The ED50 of Human ILRL2-His is 9.3µg/mL.

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C 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, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application: Functional ELISA

Synonyms: Interleukin receptor-like 2;IL1RL2;IL-36 receptor;IL-36R;ILRrp2;IL1R-rp2;

Immunogen Information:

Sequence: Asp20-Tyr337

Background:

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