



Recombinant Protein Technical Manual

Recombinant Human IL18RAP/IL1R7 Protein (His Tag)

RPES1133

Product Data:

Product SKU: RPES1133

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: O95256

Protein Information:

Molecular Mass: 39.4 kDa

AP Molecular Mass: 56 kDa

Tag: C-6His

Bio-activity:

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:

Synonyms: ACPL;CD218b;CDw218b;IL8R-beta;IL8RAcP;IL8Rbeta;ILR-7;ILR7;ILRAcPL;IL18RB

Immunogen Information:

Sequence: Phe20-Arg356

Background:

IL8RAP is a single-pass type I membrane protein and contains two Ig-like C2-type domains and one TIR domain, IL18RAP can be induced by IFN-alpha and IL12 in nature killer cells and T-cells. The coexpression of IL18R1 and IL18RAP is required for the activation of NF-kappa B and JNK in response to IL8. Defects in IL18RAP are associated with Coeliac disease.