

Recombinant Human IL18RAP/IL1R7 Protein (His Tag)



Catalog Number:PKSH032568

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

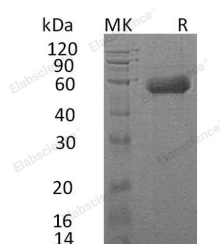
Description

Synonyms	ACPL;CD218b;CDw218b;IL-18R-beta;IL-18RAcP;IL-18Rbeta;IL-1R-7;IL-1R7;IL-1RAcPL;IL18RB
Species	Human
Expression Host	HEK293 Cells
Sequence	Phe20-Arg356
Accession	O95256
Calculated Molecular Weight	39.4 kDa
Observed molecular weight	56 kDa
Tag	C-His

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°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, 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

IL-18RAP 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 IL-18. Defects in IL18RAP are associated with Coeliac disease.

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