

Recombinant Human IL29 protein(Met1-Thr200), His-tagged

Cat. No. IL29-381H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL29 (NP_742152.1) (Met 1-Thr 200) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Thr200
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in antiviral assays using HepG2 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 4-20 ng/ml.
Molecular Mass	The recombinant human IL29 consists of 192 amino acids and has a predicted molecular mass of 21.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh IL29 is approximately 30-35 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL29 interleukin 29 (interferon, lambda 1) [Homo sapiens]

Official Symbol IL29

Synonyms IL29; interleukin 29 (interferon, lambda 1); interleukin 29; interleukin-29; IFNL1; IL 29; IFN-lambda-1; cytokine Zcyto21; interferon lambda-1; interferon-lambda-1; interferon, lambda 1; IL-29;

Gene ID 282618

mRNA Refseq NM_172140

Protein Refseq NP_742152

MIM 607403

UniProt ID Q8IU54

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