

Recombinant Human IL18, GST tagged

Cat. No. IL18-574H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18 (Q14116) (Met1-Asp193), fused with the GST tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-193 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.5 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human IL18/GST chimera consists of 419 amino acids and has a predicted molecular mass of 48.6 kDa. It migrates as an approxiamtely 45 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL18 interleukin 18 (interferon-gamma-inducing factor) [Homo sapiens]

Official Symbol IL18

Gene ID 3606

mRNA Refseq NM_001243211

Protein Refseq NP_001230140

MIM 600953

UniProt ID Q14116

Chromosome Location 11q22.2-q22.3

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