

Active Recombinant Porcine IL18 Protein, His-tagged

Cat. No. IL18-946P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Porcine IL18 (Accession # O19073) Tyr36-Asn192, fused with a C-terminal 6-His tag, was produced in E. coli.
Species	Porcine
Source	E.coli
ProteinLength	Tyr36-Asn192
Predicted N Terminal	Tyr36
Form	Lyophilized from a 0.2 µm filtered solution in PBS and DTT with Trehalose and with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce IFN-gamma secretion by KG-1 human acute myelogenous leukemia cells in the presence of TNF-alpha. The ED50 for this effect is typically 10 - 40 ng/mL in the presence of 10 ng/mL rhTNF-alpha.
Molecular Mass	Recombinant Porcine IL18, His-tagged has a calculated MW of 18.0 kDa.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION**Gene Name** CHST10 carbohydrate sulfotransferase 10 [*Sus scrofa* (pig)]**Official Symbol** CHST10**Synonyms** CHST10; carbohydrate sulfotransferase 10**Gene ID** 1.0052e+008**mRNA Refseq** XM_003124889.4**Protein Refseq** XP_003124937.3**MIM****Chromosome
Location** chromosome: 3 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA