

Active Recombinant Pig IL6 protein

Cat. No. IL6-1025P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig IL6 protein(NP_999564.1)(Pro29-Met212) was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Pro29-Met212
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	1. Measured by its binding ability in a functional ELISA. Immobilized sus scrofa (pig) IL6 at 2 µg/ml (100 µl/well) can bind Human IL-6R-His, the EC50 of Human IL-6R-His is 250-750 ng/mL. 2. Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is typically 1-5 ng/mL.
Molecular Mass	The recombinant sus scrofa IL6 consists 185 amino acids and predicts a molecular mass of 21.2 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL6 interleukin 6 (interferon, beta 2) [<i>Sus scrofa</i>]
Official Symbol	IL6
Synonyms	IL6; interleukin 6 (interferon, beta 2); interleukin-6; IL-6; interleukin-6 protein;
Gene ID	399500
mRNA Refseq	NM_214399
Protein Refseq	NP_999564

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