

Recombinant Chicken IL6 Protein, His-tagged, OVA Conjugated

Cat. No. IL6-2818C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Chicken IL6 Protein (Asp54-Leu71) fused with a N-His tag.
Species	Chicken
Source	Protein Conjugation
ProteinLength	Asp54-Leu71
Description	Cytokine with a wide variety of biological functions in immunity, tissue regeneration, and metabolism. Binds to IL6R, then the complex associates to the signaling subunit IL6ST/gp130 to trigger the intracellular IL6-signaling pathway. The interaction with the membrane-bound IL6R and IL6ST stimulates 'classic signaling', whereas the binding of IL6 and soluble IL6R to IL6ST stimulates 'trans-signaling'. Alternatively, 'cluster signaling' occurs when membrane-bound IL6:IL6R complexes on transmitter cells activate IL6ST receptors on neighboring receiver cells.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
Conjugation	OVA

GENE INFORMATION

Gene Name	IL6 interleukin 6 [Gallus gallus (chicken)]
Official Symbol	IL6
Synonyms	IL6; interleukin 6; IL-6; CHIL-6; interleukin-6; interleukin-6; interleukin 6 (interferon, beta 2)
Gene ID	395337
mRNA Refseq	NM_204628
Protein Refseq	NP_989959
UniProt ID	Q90YI0

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