Recombinant Hamster IL2 Protein, Met1-Gln155, C-His tagged

Cat. No. IL2-016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster IL2 Protein (Met1-Gln155) with C-His tag was expressed in HEK293.
Species	Hamster
Source	HEK293
ProteinLength	Met1-Gln155
Description	Interleukin-2 (IL-2) is a cytokine signaling molecule that regulates white blood cells. It is produced primarily by T cells after activation by an antigen. IL-2 signals through the IL-2 receptor which leads to the activation of at least 2 major signaling pathways which mediate cell growth, survival, activation induced cell death and differentiation. A pro-inflammatory cytokine, IL-2 activates T cells to produce TNFα as well as IFNγ and controls immune response by contributing to the development of regulatory T cells. Therefore IL-2 plays an important role in antigen specific immune responses.
Form	Lyophilized
Molecular Mass	Predicted Molecular Mass: 17.6 kDa SDS-PAGE: 17.6 kDa
Purity	> 99% by SDS-PAGE
Applications	ELISA and Western Blot Analysis

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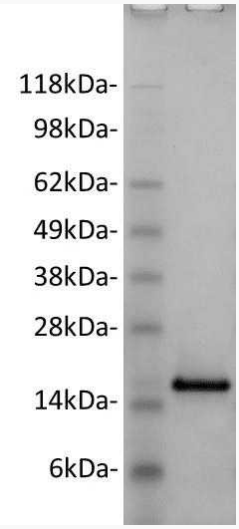
Notes	For Research Use Only.
Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.
Storage Buffer	Lyophilized from 1×PBS with Trelahose
Shipping	Ambient
Reconstitution	Reconstitute at 25 μg/mL in sterile PBS containing at least 0.1% protein

GENE INFORMATION

Gene Name	Il2 interleukin 2 [Cricetulus griseus (Chinese hamster)]
Official Symbol	IL2
Synonyms	Il2; interleukin 2; interleukin-2; Interleukin-2; interleukin-2-like protein
Gene ID	100755773
mRNA Refseq	XM_003506764
Protein Refseq	XP_003506812
UniProt ID	B3VBJ5

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Hamster IL-2 (2 μg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.



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