Active Recombinant Equine IL2, Met-tagged

Cat. No. IL2-672E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Equine IL2 (Accession # NP_001078902) Ala21-Thr149 (Cys141Ser), fused with an N-terminal Met, was produced in E. coli-derived.
Species	Equine
Source	E.coli
ProteinLength	21-149 a.a.
Predicted N Terminal	Met & Ala21
Form	Lyophilized from a 0.2 μm filtered solution in Sodium Acetate with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. Gearing, A.J.H. and C.B. Bird (1987) in Lymphokines and Interferons, A Practical Approach. Clemens, M.J. et al. (eds): IRL Press. 295.The ED50 for this effect is typically 0.3 - 1.5 μg/mL.
Molecular Mass	Recombinant Equine IL2, Met-tagged has a calculated MW of 15 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 (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).
Reconstitution	Reconstitute at 200 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	IL2 interleukin 2 [Equus caballus (horse)]
Official Symbol	IL2
Synonyms	IL2; interleukin 2; interleukin-2; IL-2; T-cell growth factor; TCGF; interleukin-2 precursor protein
Gene ID	100034204
mRNA Refseq	NM_001085433
Protein Refseq	NP_001078902
MIM	
UniProt ID	P37997
Chromosome Location	2

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