

# Product Datasheet

## Recombinant Mouse IL-2 Protein NBP2-51994-0.05mg

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-51994-0.05mg**

Recombinant Mouse IL-2 Protein

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	PBS (pH 7.4), 10% glycerol
Target Molecular Weight	17.3 kDa
Product Description	
Description	<p>A bioactive recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 21-169 of Mouse IL-2</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MAPTSSSTSS STAEAQQQQQ QQQQQQQHLE            QLLMDLQELL SRMENYRNLK LPRMLTFKFY LPKQATELKD LQCLEDELGP            LRHVLDLTQS KSFQLEDAEN FISNIRVTVV KLKGSNTFE CQFDDESATV            VDFLRRWIAF SQSIISTSPQ</p>
Gene ID	3558
Gene Symbol	IL2
Species	Mouse
Details of Functionality	Measured in a cell proliferation assay using CTLL-2 mouse T lymphocyte. The ED50 for this effect is < 0.9 ng/ml.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Product Application Details	
Applications	Functional, SDS-Page, Bioactivity
Recommended Dilutions	Functional, SDS-Page, Bioactivity





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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