

# Product Datasheet

## Recombinant Human IL-4 Protein **NBP2-52393-0.01mg**

Unit Size: 0.01 mg

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

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Updated 10/12/2023 v.20.1

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**NBP2-52393-0.01mg**

Recombinant Human IL-4 Protein

**Product Information**

<b>Unit Size</b>	0.01 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	PBS (pH 7.4), 10% glycerol
<b>Target Molecular Weight</b>	15 kDa

**Product Description**

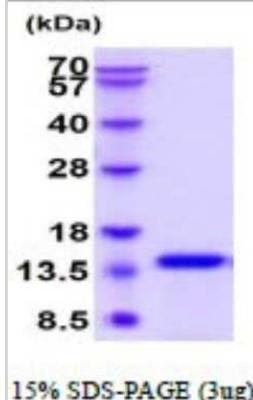
<b>Description</b>	An un-tagged recombinant protein corresponding to the amino acids 25-153 of Human IL-4
	<b>Source:</b> <i>E.coli</i>
	<b>Amino Acid Sequence:</b> MHKCDITLQE IIKTLNSLTE QKTLCTELTV TDIFAAASKNT TEKETFCRAA TVLRQFYSHH EKDTRCLGAT AQQFHRHKQL IRFLKRLDRN LWGLAGLNSC PVKEANQSTL ENFLERLKTI MREKYSKCSS
<b>Gene ID</b>	3565
<b>Gene Symbol</b>	IL4
<b>Species</b>	Human
<b>Details of Functionality</b>	Human IL-4 stimulates cell proliferation of the TF-1 human erythroleukemic cells. The ED50 range is less than or equal to 0.6 ng/ml.
<b>Endotoxin Note</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity

**Images**

SDS-Page: Recombinant Mouse IL-4 Protein [NBP2-52393] - 15% SDS Page (3 ug)



## Publications

Shimizu S, Yonezawa K, Haruna M et al. Relationship between facial skin problems with a focus on inflammatory cytokines and the presence of Malassezia in 1-month-old infants Scientific reports 2023-03-28 [PMID: 36977695] (WB, Human)



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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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