

# Product Datasheet

## Recombinant Mouse IFN-alpha 2 Protein NBP1-42904-0.1mg

Unit Size: 0.1 mg

Store at -80C. Avoid freeze-thaw cycles.

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**NBP1-42904-0.1mg**

## Recombinant Mouse IFN-alpha 2 Protein

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	0.09% Sodium Azide
<b>Buffer</b>	Sterile liquid; 20 mM sodium phosphate, pH 7.2, 150 mM NaCl. 0.22 uM filtered.
Product Description	
<b>Description</b>	A Partial Recombinant Proteins to IFN-alpha 2.
<b>Gene ID</b>	3440
<b>Gene Symbol</b>	IFNA2
<b>Species</b>	Mouse
<b>Reactivity Notes</b>	This protein was made to the mouse sequence.
<b>Preparation Method</b>	E. coli expressed amino acids Cys24-Glu190 of mature mouse Interferon alpha 2 (accession # NM_010503).
<b>Details of Functionality</b>	The recombinant mouse IFN-a2 has been tested for inhibition of the cytopathic effect of EMC virus on L929 cells. The ED50 for this effect is typically 0.1 ng/ml, corresponding to a specific activity of 1 x 10 <sup>7</sup> U/mg.
<b>Notes</b>	Purity: Greater than 98% as determined by SDS-PAGE
<b>Endotoxin Note</b>	Less than 0.01 ng/ug cytokine as determined by the LAL assay.
Product Application Details	
<b>Applications</b>	ELISA, Immunoassay
<b>Recommended Dilutions</b>	ELISA, Immunoassay
<b>Application Notes</b>	The recombinant mouse IFN-alpha2 has been tested for inhibition of the cytopathic effect of EMC virus on L929 cells. The ED,50 for this effect is typically 0.1 ng/ml, corresponding to a specific activity of 1 x 10 <sup>7</sup> U/mg.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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