

Product Datasheet

Recombinant Human IFN-alpha 2 Protein NBC1-21338-0.01mg

Unit Size: 0.01 mg

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

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NBC1-21338-0.01mg**Recombinant Human IFN-alpha 2 Protein**

Product Information	
Unit Size	0.01 mg
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with deionized water.
Buffer	Sterile filtered through a 0.2 um filter.PBS, pH 7.2.

Product Description	
Description	<p>A recombinant protein with a 16 residue His tag and corresponding to 182 total residues of IFNA2.</p> <p>Source: <i>E. coli</i> The recombinant protein migrates with an apparent molecular mass of 24 kDa in SDS-PAGE.</p>
Gene ID	3440
Gene Symbol	IFNA2
Species	Human
Reactivity Notes	Human Recombinant protein
Specificity/Sensitivity	NovActiverecombinant human IFN-alpha-2a is produced in the endosperm tissue of barley grain (<i>Hordeum vulgare</i>), that exhibits up to 50 times less protease activity than <i>E.coli</i> or mammalian cells. Barley seed is void of any human or animal viral contaminants that could jeopardize your cell culture.

Product Application Details	
Applications	Western Blot, Functional, Block/Neutralize
Recommended Dilutions	Western Blot, Functional, Block/Neutralize
Application Notes	<p>This protein is functionally active and can be added to cell culture without the need to remove any Bioactive molecules. Can also be used for Western Blot.</p> <p>Bioactivity is assayed by measuring the dose dependent cytotoxicity of human IFN-alpha-2a on TF-1 in the presence of IL-4. The ED50 for this batch of NovActiverecombinant human IFN-alpha-2a was determined to be 0.108 ng/mg, corresponding to specific activity of 9.26x10E6 U/mg.</p>





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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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