

Product Datasheet

Recombinant Human Interferon beta 1b Protein NBP2-35892-2ug

Unit Size: 2 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Updated 1/25/2025 v.20.1

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NBP2-35892-2ug

Recombinant Human Interferon beta 1b Protein

Product Information	
Unit Size	2 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with sterilized distilled water or 0.1% BSA aqueous buffer to a final concentration of 0.1 - 1.0 mg/ml.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4, containing 2 % HSA and 3 % mannitol.
Target Molecular Weight	20.0 kDa

Product Description	
Description	<p>A single, non-glycosylated biologically active polypeptide chain corresponding to 166 residues of IFNB1.</p> <p>Source: <i>E. coli</i></p> <p>Amino Acid Sequence: MSYNLLGFLQ RSSNFQCQKL LWQLNGRLEY CLKDRMNFDI PEEIKQLQQF QKEDAALTIYEMLQNIFAIF RQDSSSTGWN ETIVENLLAN VYHQINHLKT VLEEKLEKED FTRGKLMSSHLKRYYYGRIL HYLKAKEYSH CAWTIVRVEI LRFYFINRL TGYLRLN</p>
Gene ID	3456
Gene Symbol	IFNB1
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The specific activity determined by an anti-viral assay is no less than 3.0 x 10 ⁷ IU/mg.
Endotoxin Note	Less than 1 EU/ug of Endotoxin as 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. Peptides and proteins are guaranteed for 3 months from date of receipt.

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