

Product Datasheet

Recombinant Rhesus Macaque IFN-gamma Protein NBP2-61327-10ug

Unit Size: 10ug

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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Publications: 1

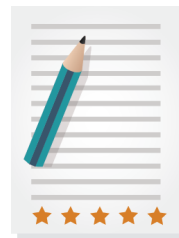
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NBP2-61327-10ug

Recombinant Rhesus Macaque IFN-gamma Protein

Product Information	
Unit Size	10ug
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.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	16.8 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 142 amino acids corresponding to IFN-gamma Source: <i>E. coli</i> Uniprot ID: P63310 Amino Acid Sequence: QDPYVKEAEN LKKYFNAGDP DVADNGTLFL DILRNWKEES DRKIMQSQIV SFYFKLFKNF KDDQRIQKSV ETIKEDINVK FFNSNKKKRD DFEKLTNYSV TDSNVQRKAV HELIQVMAEL SPAAKIGKRK RSQMFRGRRA SQ
Gene ID	3458
Gene Symbol	IFNG
Species	Rhesus Macaque
Details of Functionality	IFN-gamma protein is fully biologically active when compared to standard. The ED50 as determined by an anti-viral assay using human HeLa cells infected with encephalomyocarditis (EMC) virus is less than 20.0 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁴ IU/mg.
Endotoxin Note	Less than 0.1 EU/ug of IFN-gamma as determined by LAL method.

Product Application Details	
Applications	Bioactivity
Recommended Dilutions	Bioactivity

Publications

MJ Nash, E Dobrinskik, TK Soderborg, RC Janssen, DL Takahashi, TA Dean, O Varlamov, JD Hennebold, M Gannon, KM Aagaard, CE McCurdy, P Kievit, BC Bergman, KL Jones, EM Pietras, SR Wesolowski, JE Friedman Maternal diet alters long-term innate immune cell memory in fetal and juvenile hematopoietic stem and progenitor cells in nonhuman primate offspring Cell Reports, 2023-04-13;42(4):112393. 2023-04-13 [PMID: 37058409] (Primate - Macaca mulatta (Rhesus Macaque))





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Products Related to NBP2-61327-10ug

NBP2-34992-100ug	Recombinant Human IFN-gamma Protein
210-TA-005	TNF-alpha [Unconjugated]
285-IF-100	IFN-gamma [Unconjugated]
M6000B-1	IL-6 [HRP]

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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