

Bioactive

HuPro®

IFNB1 (Human) Recombinant Protein

Catalog # P7366

Size 5 ug

Specification

Product Description	Human IFNB1 (P01574, 22 a.a. - 187 a.a) partial recombinant protein expressed in HEK293 cells.
Sequence	MSYNLLGFLQRSSNFQCQKLLWQLNGRLEYCLKDRMNFDIPEEIKQLQQFQKEDAALTIYEMLQNI FAIFRQDSSSTGWNETVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLK AKEYSHCAWTIVRVEILRNFYFINRLTGYLRN
Host	Human
Theoretical MW (kDa)	23
Form	Lyophilized
Preparation Method	Mammalian cell (HEK 293) expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ug of protein by gel clotting method
Activity	ED ₅₀ < 0.1 ng/ml, measured in a proliferation assay using TF-1 Cells.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IFNB1

Entrez GeneID	3456
Protein Accession#	P01574
Gene Name	IFNB1
Gene Alias	IFB, IFF, IFNB, MGC96956
Gene Description	interferon, beta 1, fibroblast
Omim ID	147640
Gene Ontology	Hyperlink
Gene Summary	beta 1
Other Designations	OTTHUMP00000021131 interferon beta

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Communicable Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Malaria](#)
- [Measles](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Osteoporosis](#)
- [Rubella](#)
- [Sarcoidosis](#)
- [Severe Acute Respiratory Syndrome](#)