

Recombinant Mouse interferon beta 1, fibroblast Protein, Tag Free

Cat. No. Ifnb1-178M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse IFN-beta protein (P01575) (Ile 22-Asn 182) without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	22-182aa
Description	This gene encodes a cytokine that belongs to the interferon family of signaling proteins, which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of interferons, which are important for defense against viral infections. In addition, type I interferons are involved in cell differentiation and anti-tumor defenses. Following secretion in response to a pathogen, type I interferons bind a homologous receptor complex and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. Overactivation of type I interferon secretion is linked to autoimmune diseases. Mice deficient for this gene display several phenotypes including defects in B cell maturation and increased susceptibility to viral infection.
Tag	Non
Molecular Mass	20.1 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 μg/mL in sterile water.

GENE INFORMATION

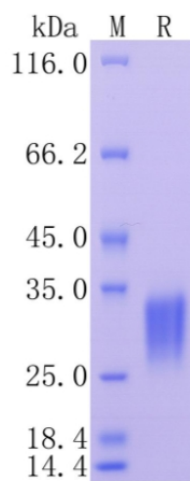
Gene Name	Ifnb1 interferon beta 1, fibroblast [Mus musculus (house mouse)]
Official Symbol	Ifnb1
Synonyms	IFNB1; interferon beta 1, fibroblast; interferon beta; Ifb; IFNB; IFN-beta;
Gene ID	15977
mRNA Refseq	NM_010510
Protein Refseq	NP_034640
UniProt ID	P01575

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Protein on SDS-
PAGE under
reducing (R)
condition.**



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA