

Active Recombinant Human IFNE Protein

Cat. No. IFNE-083H Lot. No. (See product label)

SPECIFICATION

Product Overview	The mature recombinant human IFN- ϵ protein (22-208aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-208 a.a.
Description	Type I interferon required for maintaining basal levels of IFN-regulated genes, including 2'-5'-oligoadenylate synthetase, IRF7 and ISG15, in the female reproductive tract. Directly mediates protection against viral and bacterial genital infections.
Bio-activity	Measured in anti-viral assays using HeLa human cervical epithelial carcinoma cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is 100-500 ng/mL.
Molecular Mass	23 kDa
Product-Related Proteins	22-208
Endotoxin	< 0.1 EU/ μ g of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
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Storage Buffer	PBS
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GENE INFORMATION

Gene Name	IFNE interferon epsilon [Homo sapiens (human)]
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Official Symbol	IFNE
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Synonyms	IFNE; interferon epsilon; IFN-E; IFNE1; IFNT1; INFE1; PRO655; interferon epsilon; Names; IFN-epsilon; interferon epsilon 1; interferon tau-1
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Gene ID	338376
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mRNA Refseq	NM_176891
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Protein Refseq	NP_795372
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MIM	615223
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UniProt ID	Q86WN2
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