

Active Recombinant Human IFN κ Protein

Cat. No. IFNK-085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human IFN- κ protein (22-199aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-199 a.a.
Description	This gene encodes a member of the type I interferon family. Type I interferons are a group of related glycoproteins that play an important role in host defenses against viral infections. This protein is expressed in keratinocytes and the gene is found on chromosome 9, adjacent to the type I interferon cluster.
Bio-activity	Measured in an anti-viral assay using L-929 mouse fibroblast cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is 0.2-1.2 ng/mL.
Molecular Mass	21 kDa
Product-Related Proteins	22-199
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	IFNK interferon kappa [Homo sapiens (human)]
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Official Symbol	IFNK
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Synonyms	IFNK; interferon kappa; IFNT1; INFE1; interferon kappa; IFN-kappa; interferon-like protein
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Gene ID	56832
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mRNA Refseq	NM_020124
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Protein Refseq	NP_064509
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MIM	615326
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UniProt ID	Q9P0W0
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