

Recombinant Human IFNK protein, His-GST-tagged

Cat. No. IFNK-69H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNK Protein(NP_064509.2)(Leu28~Lys207) is expressed from E. coli with two N-terminal Tag, His and GST Tag.
Species	Human
Source	E.coli
ProteinLength	Leu28~Lys207
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.
Form	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Molecular Mass	52kDa as determined by SDS-PAGE reducing conditions.
AA Sequence	LDCNLLNVHLRRVTWQNLRLHSSMSNSFPVECLRENI AFELPQEFLQYTQPMKRDIK KAFYEMSLQAFNIFSQHTFKYWKERHLKQIQIGLDQQA EYLNQCLEEDKNENEDMK EMKENEMKPSEARVPQLSSLELRRYFHRIDNFLKEKKYSDCAWEIVRVEIRRCLYYF YKFTALFRRK
Endotoxin	< 1.0EU per 1g (determined by the LAL method)

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Notes	The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	IFNK interferon kappa [Homo sapiens (human)]
Official Symbol	IFNK
Synonyms	IFNT1; INFE1
Gene ID	56832

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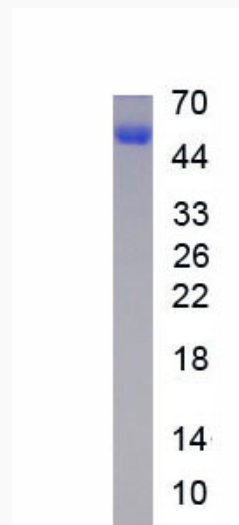
mRNA Refseq [NM_020124.3](#)

Protein Refseq [NP_064509.2](#)

MIM [615326](#)

UniProt ID [Q9P0W0](#)

SDS-PAGE of IFNK-69H



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