

Recombinant Horse IFNE Protein, His-tagged

Cat. No. IFNE-2272H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Horse IFNE Protein (Met1-Pro193) with a N-His tag was expressed in E. coli.
Species	Horse
Source	E.coli
ProteinLength	Met1-Pro193
Description	Predicted to enable cytokine activity and type I interferon receptor binding activity. Predicted to be involved in several processes, including B cell activation; defense response to other organism; and lymphocyte activation involved in immune response. Predicted to be active in extracellular space.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.6 kDa Accurate Molecular Mass: 27 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

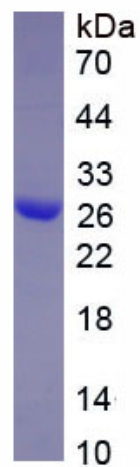
GENE INFORMATION

Gene Name	IFNE interferon epsilon [Equus caballus (horse)]
Official Symbol	IFNE
Synonyms	IFNE; interferon epsilon; interferon epsilon
Gene ID	100065067
mRNA Refseq	XM_005605033
Protein Refseq	XP_005605090
UniProt ID	F6Z7A7

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