

Recombinant Bovine IFNAG Protein (24-189 aa), His-SUMO-tagged

Cat. No. IFNAG-1805B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine IFNAG Protein (24-189 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Immunology. Protein Description: Full Length of Mature Protein.
Species	Bovine
Source	E.coli
ProteinLength	24-189 aa
Description	Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	35.2 kDa
AA Sequence	CHLPHTHSLANRRVLTLLRQLRRVSPSSCLQDRNDFAFPQEALGGSQQLQKAQAISVL HEVTQHTFQFFSVEGSVAVVWDESLLDKLRDALDQQLTDLQFCLRQEEGLRGAPLLK EDSSLAVRKYFHRRLTYLQEKRHSPCAWEVVRAEVMRAFSSSTNLQERFRRKD
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name

IFNAG interferon alpha G [Bos taurus (cattle)]

Official Symbol

IFNAG

Synonyms

IFNAG; IFN-alpha7;

Gene ID

100329206

mRNA Refseq

NM_001172040

Protein Refseq

NP_001165511

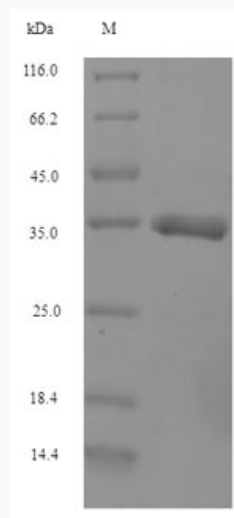
UniProt ID

P49877

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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