

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 HEVTQHTFQFFSVEGSVVWDESLDKLRDALDQQLTDLQFCLRQEEGLRGAPLLK 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

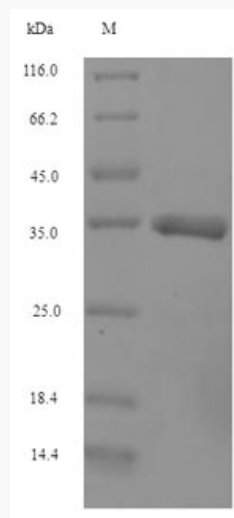
Protein Refseq NP_001165511

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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