

Recombinant Cat Interleukin 6 (interferon, beta 2)

Cat. No. IL6-598C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant cat IL6 was expressed in Pichia pastoris.
Species	Cat
Source	Cat
Description	Interleukin 6 (IL-6) is an important cytokine in the canine immune response, playing a role in haematopoiesis and in the acute-phase reaction against infections. IL6 has an ED50 of 0.52 - 10 pg/ml, determined by measuring the effect of recombinant feline IL-6 on murine 7TD1 cell proliferation.
Form	Purified Recombinant Protein - lyophilized.
Reconstitution	Reconstitute with 0.5 ml 100 mM acetic acid.
Endotoxin Level	< 0.01 EU/ug
Application	Functional Assays
Preparation	Recombinant protein expressed in Pichia pastoris.
Buffer Solution	Phosphate buffered saline.
Molecular Weight	20.7 kD

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Purity > 95% by SDS PAGEanalysis.

Storage

Prior to reconstitution store at +4°C. After reconstitution store at -70°C. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name IL6 interleukin 6 (interferon, beta 2) [Feliscatus]

Official Symbol IL6

Synonyms IL6; Interleukin 6 (interferon, beta 2); BSF2; HGF; HSF; IFNB2; IL-6

Gene ID 493687

mRNA Refseq NM_001009211

Protein Refseq NP_001009211

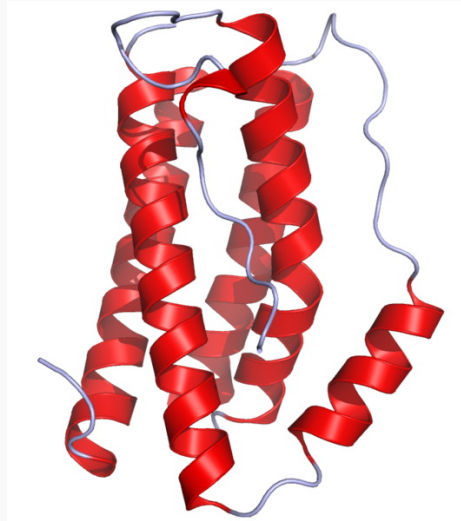
UniProt ID P41683

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PDB rendering
based on 1ALU.



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