

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 ED ₅₀ 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 toreconstitution store at +4oC. Afterreconstitution store at -70oC. Storage infrost-free freezers is not recommended. Avoid repeated freezing and thawingas this may denature the protein. Should this product contain a precipitatewe recommend microcentrifugation before use.

GENE INFORMATION

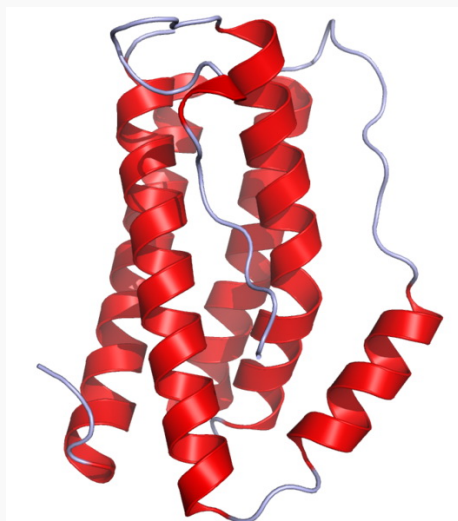
Gene Name	IL6 interleukin 6 (interferon, beta 2) [Feliscatus]
Official Symbol	IL6
Synonyms	IL6;Interleukin 6 (interferon, beta 2); BSF2; HGF; HSF; IFNB2; IL-6
Gene ID	493687
mRNA Refseq	NM_001009211
Protein Refseq	NP_001009211
UniProt ID	P41683

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PDB rendering
based on 1ALU.



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