

Recombinant Canine IL6 Protein, His tagged

Cat. No. IL6-06C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine IL6 Protein, Sourced from HEK, Met1-Met217, with C-terminal His Tag.
Species	Canine
Source	HEK293
ProteinLength	1-217 aa
Description	Interleukin 6 (IL-6) is a soluble cytokine that can affect inflammation, immune response, and hematopoiesis. IL-6 signals through IL-6R, which can occur as a transmembrane or a soluble receptor that is found in serum. IL-6 is generated immediately following environmental stresses such as infections and tissue injuries. Dysregulation of IL-6, which can lead to over production, may contribute to chronic inflammation and autoimmunity.
Form	Lyophilized from 1× PBS with Trehalose
Molecular Mass	23 kDa
Purity	>95% by SDS-PAGE
Applications	ELISA and Western Blot Analysis
Storage	2 years at -20 to -80 centigrade as supplied. Upon reconstitution: 2 years at -80

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centigrade; 2 years at -20 centigrade For long-term storage, store for up to 2 years at -20 & -80 centigrade after reconstitution. Expiration is 2 years from date of receipt.

Shipping Ambient

Reconstitution Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein.

GENE INFORMATION

Gene Name IL6 interleukin 6 (interferon, beta 2) [Canis lupus familiaris (dog)]

Official Symbol IL6

Synonyms IL6; interleukin 6 (interferon, beta 2); interleukin-6; IL-6

Gene ID 403985

mRNA Refseq NM_001003301

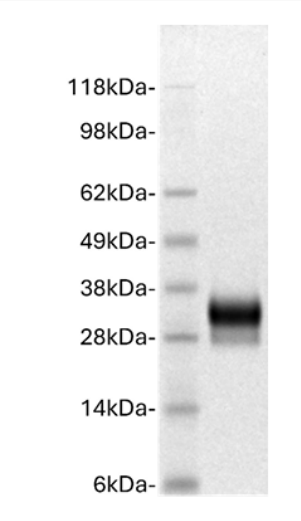
Protein Refseq NP_001003301

UniProt ID P41323

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SDS-PAGE

118kDa-
98kDa-
62kDa-
49kDa-
38kDa-
28kDa-
14kDa-
6kDa-

Canine IL-6 (2 μ g) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

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