Active Recombinant Feline IL12B Protein, His-tagged

Cat. No. IL12B-902F **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Feline IL12B (Accession # O02744) Ile23-Ser329, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Feline
Source	Mammalian Cells
ProteinLength	Ile23-Ser329
Predicted N Terminal	Ile23
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to compete with biotinylated feline IL-12/IL-23 p40 for binding with immobilized rhIL-12 R beta 1/Fc Chimera in a functional ELISA assay.
Molecular Mass	Recombinant Feline IL12B, His-tagged has a calculated MW of 36 kDa. In SDS-PAGE migrates as 42 kDa and 45 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	IL12B interleukin 12B [Felis catus (domestic cat)]
Official Symbol	IL12B
Synonyms	IL-12.p40; interleukin-12 subunit beta; interleukin-12 subunit beta; CLMF p40; IL-12 subunit p40; IL-12B; cytotoxic lymphocyte maturation factor 40 kDa subunit; interleukin 12 p40 subunit; interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic lymphocyte maturation factor 2, p40); interleukin-12 beta chain; interleukin-12 p40 chain
Gene ID	768273
mRNA Refseq	NM_001077413.1
Protein Refseq	NP_001070881.1
MIM	
UniProt ID	O02744
Chromosome Location	chromosome: A1

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