

Recombinant Cynomolgus IL12A

Cat. No. IL12A-190C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the cynomolgus IL12A [Identical to the rhesus IL12A (NP_001038199.1)] (Met 1- Ser 219) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the cynomolgus IL12B [Identical to the
Species	Cynomolgus
Source	Human Cells
ProteinLength	Met1-Ser219 & Met1-Ser328
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant cynomolgus IL12A & the cynomolgus IL12B comprises 525(208+317) amino acids and has a calculated molecular mass of 60.2(24+36.2) KDa. The apparent molecular mass of the cynomolgus IL12A & the cynomolgus IL12B heterodimer is approximately 46.1, 42.3 and 36.1 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(23.1+26.7+49.4) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C

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Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	IL12A?interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) [?Macaca mulatta?(Rhesus monkey)]
Official Symbol	IL12A
Synonyms	IL12A; IL-12A; interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35); interleukin-12 subunit alpha; CLMF p35; IL-12 subunit p35; cytotoxic lymphocyte maturation factor 35 kDa subunit
Gene ID	703205
mRNA Refseq	NM_001044734
Protein Refseq	NP_001038199
UniProt ID	P48091
Chromosome Location	2
Pathway	African trypanosomiasis; Allograft rejection; Chagas disease (American trypanosomiasis)

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