

Recombinant Rhesus IL12A & IL12B Protein, His-tagged

Cat. No. IL12A & IL12B-1256R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rhesus IL12A (NP_001038199.1) (Met1-Ser219) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 1; Recombinant rhesus IL12B (NP_001038190.1) (Met1-Ser328) was expressed with a polyhistidine tag at the C-terminus, cons
Species	Rhesus macaque
Source	HEK293
ProteinLength	1-219;1-328 a.a.
Predicted N Terminal	Arg 23 & Ile 23
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rhesus IL12A & the rhesus IL12B comprises 525(208+317) amino acids and has a calculated molecular mass of 60.2(24+36.2) KDa.
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.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL12A interleukin 12A [*Macaca mulatta*]

Official Symbol IL12A

Synonyms IL-12A; CLMF p35IL-12 subunit p35; cytotoxic lymphocyte maturation factor 35 kDa subunit; interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35)

Gene ID 703205

mRNA Refseq NM_001044734

Protein Refseq NP_001038199

MIM

UniProt ID P48091

Chromosome Location chromosome: 2

Pathway African trypanosomiasis, organism-specific biosystem; Amoebiasis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem

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