

## Recombinant Rhesus IL12A & IL12B Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-219;1-328 a.a.
<b>Predicted N Terminal</b>	Arg 23 & Ile 23
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	(23.1+26.7+49.4) % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA