

Recombinant Rhesus IL12A protein, hFc-tagged

Cat. No. IL12A-9483R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus IL12A protein(NP_001038199.1) (Met1-Ser219) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Ser219
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rhesus IL12A comprises 438 amino acids and has a calculated molecular mass of 49.6 KDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL12A interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35) [<i>Macaca mulatta</i> (Rhesus monkey)]
Official Symbol	IL12A
Synonyms	IL12A; IL-12A; interleukin-12 subunit alpha; CLMF p35; IL-12 subunit p35; cytotoxic lymphocyte maturation factor 35 kDa subunit;
Gene ID	703205
mRNA Refseq	NM_001044734.1
Protein Refseq	NP_001038199.1
UniProt ID	P48091

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