

RPCB0287

Product Information

Product SKU:	RPCB0287	Gene ID:	3592	Size:	20µg
Tag:	C-hFc&His	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P29459
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Interleukin-12 subunit alpha (IL12A/IL-12p35) is also known as Cytotoxic lymphocyte maturation factor 35 kDa subunit, cytotoxic lymphocyte maturation factor 1, p35, NK cell stimulatory factor chain 1, and interleukin-12 alpha chain. IL12A/IL-12p35 is a subunit of a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. The cytokine is a disulfide-linked heterodimer composed of the 35-kD subunit encoded by this gene, and a 40-kD subunit that is a member of the cytokine receptor family. This cytokine is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of lymphocytes to this cytokine are mediated by the activator of transcription protein STAT4. Nitric oxide synthase 2A (NOS2A/NOS2) is found to be required for the signaling process of this cytokine in innate immunity.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human IL-12A/IL-12 p35 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Storage:

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.