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Datasheet for ABIN7536485 IL23A Protein (His tag)

Overview

Quantity:	100 µg
Target:	IL23A
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL23A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse IL-23A Protein
Sequence:	AVPRSSSPDW AQCQQLSRNL CMLAWNAHAP AGHMNLLREE EDEETKNNVP RIQCEDGCDP QGLKDNSQFC LQRIRQGLAF YKHLLDSDIF KGEPALLPDS PMEQLHTSLL GLSQLLPED HPRETQQMPS LSSSQWQRP LLRSKILRSL QAFLAIAARV FAHGAATLTE PLVPTA
Specificity:	Ala21-Ala196
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.01EU/µg

Target Details

Target:	IL23A
Alternative Name:	IL-23A (IL23A Products)

Target Details

Background:	Description: The heterodimeric cytokine interleukin-23 (IL-23 or IL23A/IL12B) is produced by dendritic cells and macrophages and promotes the proinflammatory and regenerative activities of T helper 17 (Th17) and innate lymphoid cells. A recent study has reported that IL-23 is also secreted by lung adenoma cells and generates an inflammatory and immune-suppressed stroma. Name: p19, IL-23,IL23a
Gene ID:	83430
UniProt:	Q9EQ14
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Concentration:	0.56 mg/mL
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.