

IL-12A&IL-12B active protein

Active Recombinant Mouse IL-12A&IL-12B Protein

CATALOG #
AAA282599

HOST
HEK293 cells

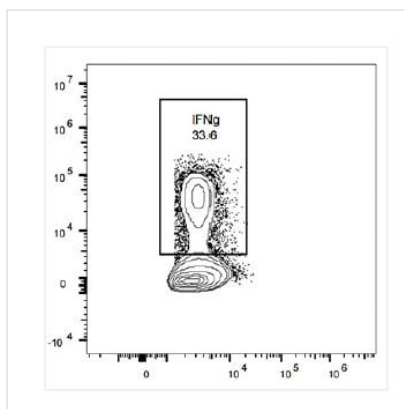
PRODUCT SYNONYMS

IL-12A&IL-12B; Active Recombinant Mouse IL-12A&IL-12B Protein; p35; IL12a; IL-12a; IL-12p35&p40; IL-12b; IL12p40; IL-12p40; IL-12&IL12b; IL-12 p70; IL12A&IL12B; IL-12A&IL-12B active protein

PRODUCT SPECIFICATIONS

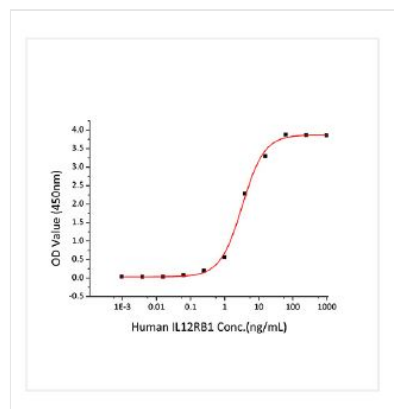
Host	HEK293 cells
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	C-His(IL-12)&No tag(IL-12b)
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Mouse IL-12A&IL-12B at 5 ug/mL (100 uL/well) can bind Human IL12RB1 with a linear range of 0.001-3.3 ng/mL. 2.Active Recombinant Mouse IL-12 induces the mouse T cells differentiate into Th1 cells. Flow cytometry was used to detect the expression of IFN-gamma. Result showed that Th1 cells were induced successfully..
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



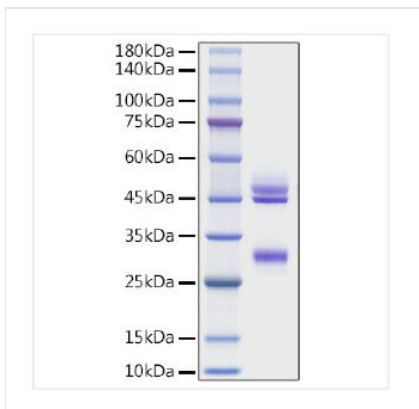
Application Data

Active Recombinant Mouse IL-12(#AAA282599)induces the mouse T cells differentiate into Th1 cells. Flow cytometry was used to detect the expression of IFN-gamma. Result showed that Th1 cells were induced successfully.(Customer Feedback Data).



Application Data

Immobilized Mouse IL-12A&IL-12B (#AAA282599) at 5 ug/mL (100 uL/well) can bind Human IL12RB1 with a linear range of 0.001-3.3 ng/mL.



SDS-PAGE

Recombinant Mouse IL-12A&IL-12B Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-30 kDa(IL-12A)&45-55 kDa(IL-12B) kDa.

ADDITIONAL INFORMATION

Related Product Information for IL-12A&IL-12B active protein	Active Recombinant Mouse IL-12&IL12b Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala28-Arg193) of mouse IL-12A&IL-12B (Accession #NP_000790.2) fused with and a 6×His tag at the C-terminus(IL-12).
Product Categories/Family for IL-12A&IL-12B active protein	Cytokines & Cytokine receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	226874945
NCBI GeneID	16159
NCBI Accession #	NP_001152896.1
NCBI GenBank Nucleotide #	NM_001159424.1
UniProt Accession #	P43431; P43432
Molecular Weight	24,179 Da
NCBI Official Full Name	interleukin-12 subunit alpha isoform 1
UniProt Protein Name	Interleukin-12 subunit alpha
UniProt Gene Name	IL12a
UniProt Synonym Gene Names	IL-12A; CLMF p35
UniProt Entry Name	IL12A_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hek293-cells-active-protein/il-12ail-12b/282599>