9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-12174: Mouse Interleukin-12

Gene :	Il12b
Gene ID :	16160
Uniprot ID :	P43432/P43431
Alternative Name :	Cytotoxic lymphocyte maturation factor 40 kDa subunit, IL-12 subunit p40, NKSF, CLMF

Description

Source: Genetically modified HEK 293 cells.
Â Heterodimer, p35: 21.7 kDa, p40: 35.8 kDa, total: 57.5 kDa kDa (p35: 193 aa, p40: 313 aa, total: 506 aa amino acids aa)
Interleukin 12 (IL-12) is an inducer of cell-mediated immunity and is produced by dendritic cells, macrophages, and B cells after antigen stimulation. IL-12 functions to promote naÃ¯ve T cell differentiation into the type 1 T helper cell (Th1) lineage. IL-12 also stimulates the production of interferon gamma (IFN-gamma) and tumor necrosis factor alpha (TNF-alpha) from T cells and natural killer cells. Mouse IL-12 is active on human and mouse cells.

Product Info

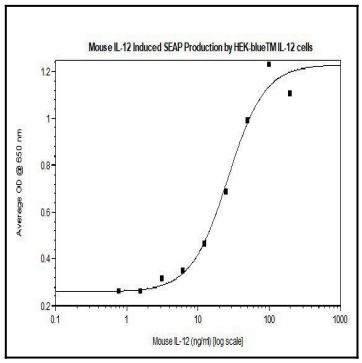
Amount :	10 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, 50 mM sodium chloride, pH 7.5 Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	p35: RVIPVSGPAR CLSQSRNLLK TTDDMVKTAR EKLKHYSCTA EDIDHEDITR DQTSTLKTCL PLELHKNESC LATRETSSTT RGSCLPPQKT SLMMTLCLGS IYEDLKMYQT EFQAINAALQ NHNHQQIILD KGMLVAIDEL MQSLNHNGET LRQKPPVGEA DPYRVKMKLC ILLHAFSTRV VTINRVMGYL SSA p40: MWELEKDVYV VEVDWTPDAP GETVNLTCDT PEEDDITWTS DQRHGVIGSG KTLTITVKEF LDAGQYTCHK GGETLSHSHL LLHKKENGIW STEILKNFKN KTFLKCEAPN YSGRFTCSWL VQRNMDLKFN IKSSSSSPDS RAVTCGMASL SAEKVTLDQR DYEKYSVSCQ EDVTCPT

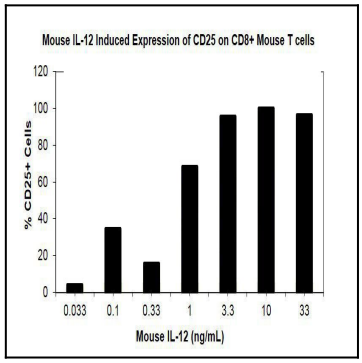
Application Note

Endotoxin: Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.
Biological Activity was determined by Mouse primary T cell induced expression of CD25 at <= 20 ng/mL; >= 5.0 x 10^4 units/mg. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80ÃÂ°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss. ÃÂ ÃÂ

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com





For Research Use Only. Not for use in diagnostic/therapeutics procedures.