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32-7924: Recombinant Human Interleukin-13/IL-13 (C-6His)

Gene : IL13
Gene ID : 3596
Uniprot ID : P35225

Description

Source: Human Cells.
MW :14.3kD.
Recombinant Human Interleukin-13 is produced by our Mammalian expression system and the target gene encoding Leu25-Asn146 is expressed with a 6His tag at the C-terminus. Interleukin-13 is also known as IL-13. It is a protein that in humans is encoded by the IL13 gene. Interleukin-13 is an immunoregulatory cytokine produced primarily by activated Th2 cells.It is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	LTCLGGFASPGPVPPSTALRELIEELVNITQNQKAPLCNGSMVWSINLTAGMYCAALESLINVSGCSAIEKTQRM LSGFCPHKVSAGQFSSLHVRDTKIEVAQFVKDLLLHLKKLFREGQFNVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.