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32-6454: IL17A Human, Sf9

Alternative Name :	Interleukin 17A, CTLA8, IL17, Interleukin 17 (Cytotoxic T-Lymphocyte-Associated Serine Esterase 8), Cytotoxic T-Lymphocyte-Associated Protein 8, Cytotoxic T-Lymphocyte-Associated Antigen 8, CTLA-8, IL-17A, IL-17, Interleukin-17A.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
IL17 is a proinflammatory cytokine produced by activated T cells. IL-17 regulates the activities of NF-kappaB and mitogen-activated protein kinases. Interleukin-17 can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.
IL17A produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (24-155 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 138 amino acids and having a molecular mass of 15.9kDa.IL17A shows multiple bands between 13.5-28kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	IL17A protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4), 20% glycerol, 1mM EDTA and 0.1mM PMSF.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	GITIPRNPGC PNSEDKNFPR TVMVNLNIHN RNTNTNPKRS SDYYNRSTSP WNLHRNEDPE RYPSVIWEAK CRHLGCINAD GNVDYHMNSV PIQQEILVLR REPPHCPNSF RLEKILVSVG CTCVTPIVHH VAHHHHHH

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