

Recombinant Murine Interleukin-13

Catalog No: #AP60160

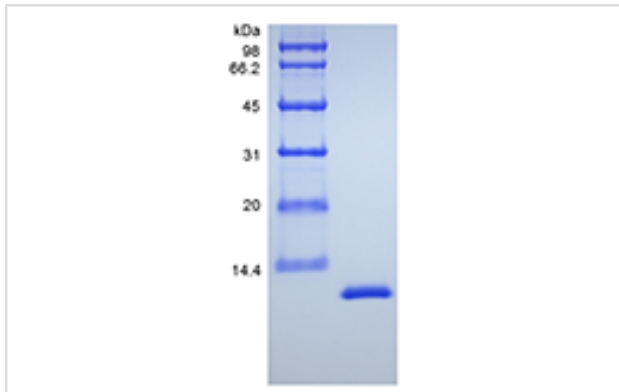
Package Size: #AP60160-1 10ug #AP60160-2 100ug #AP60160-3 500ug

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Description

Product Name	Recombinant Murine Interleukin-13
Host Species	Escherichia coli.
Purification	> 97 % by SDS-PAGE and HPLC analyses.
Calculated MW	Approximately 12.3 kDa, a single non-glycosylated polypeptide chain containing 111 amino acids.
Target Sequence	MPVPRSVSLP LTLKELIEEL SNITQDQTPL CNGSMVWSVD LAAGGFCVAL DSLTNISNCN AIYRTQRILH GLCNRKAPTT VSSLPDTKIE VAHFITKLLS YTKQLFRHGP F
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. -□ A minimum of 12 months from date of receipt, when stored at ≤-20 °C as supplied. -□ 1 month, 2 to 8 °C under sterile conditions after reconstitution. -□ 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Images



Background

Murine Interleukin-13 (IL-13) is expressed by the IL13 gene located on the chromosome 11 and secreted by many cell types, especially T helper type 2 (Th2) cells. Targeted deletion of IL-13 in mice resulted in impaired Th2 cell development and indicated an important role for IL-13 in the expulsion of gastrointestinal parasites. IL-13 has been implicated as a key factor in asthma, allergy, atopy and inflammatory response, establishing the protein as a valuable therapeutic target. Human, mouse and rat IL-3 share low homology, but have cross species activity.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.