



Human IL13 peptide (DAG320)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Human IL-13 is a single non-glycosylated polypeptide chain containing 114 amino acids and having a molecular weight of 12.5 kDa. The sequence of the first five N-terminal amino acids was determined to be Ser-Pro-Gly-Pro-Val. Contains less than 1% d
Antigen Description	Interleukin 13 (IL-13) is a protein that in humans is encoded by the IL13 gene. IL-13 is a cytokine secreted by many cell types, but especially T helper type 2 (Th2) cells, that is a mediator of allergic inflammation and disease.
Species	Human
Conjugate	Unconjugated
Applications	The ED50 as determined by the dose-dependent stimulation of TF-1 cells is and it; 1 ng/ml, corresponding to a specific activity of and $gt; 1 \times 10^6$. Each laboratory should determine an optimum working titer for use in its particular application. Other applicatio
Format	Protein in distilled water
Concentration	1 mg/ml (OD _{280nm} , E _{0.1%} = 0.57) (prior to lyophilization)
Buffer	Not applicable
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	This is an antibody fragment consisting of a single monomeric variable antibody domain directed to IL13. Nanobody, with a molecular weight of only 12–15 kDa, is able to bind selectively to a specific antigen like a whole antibody.
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Keywords

ALRH; BHR1; P600; IL-13; interleukin-13; allergic rhinitis; Bronchial hyperresponsiveness-1 (bronchial asthma); Allergic rhinitis; NC30; Tralokinumab

GENE INFORMATION

Entrez Gene ID[3596](#)**UniProt ID**[P35225](#)
