



Human IL13 peptide (DAG320)

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

PRODUCT INFORMATION

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| 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 ED ₅₀ as determined by the dose-dependent stimulation of TF-1 cells is approximately 1 ng/ml, corresponding to a specific activity of approximately 1×10^6 . Each laboratory should determine an optimum working titer for use in its particular application. Other applications |
| 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

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| 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 |
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GENE INFORMATION

Entrez Gene ID [3596](#)

UniProt ID [P35225](#)
