

Datasheet for ABIN2830827

IL-13 Protein[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL-13 (IL13)
Origin:	Rhesus Monkey
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Sequence:	SPSPVPRSTA LKELIEELVN ITQNQKAPLC NGSMVWSINL TAGVYCAALE SLINVSGCSA IEKTQRMLNG FCPHKVSAGQ FSSLRVRDTK IEVAQFVKDL LVHLKKLFRE GRFN
Characteristics:	Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 5 ng/mL, corresponding to a specific activity of $> 2.0 \times 10^5$ IU/mg.
Purity:	>98 % as determined by SDS-PAGE and HPLC.
Sterility:	0.2 µm filtered

Target Details

Target:	IL-13 (IL13)
Alternative Name:	IL13 (IL13 Products)
Background:	Relevance: Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in

Target Details

	regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses (By similarity). {ECO:0000250}. Synonyms: IL-13,
Molecular Weight:	12.6 kDa
UniProt:	Q864V6
Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Proton Transport

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4, 3 % trehalose
Storage:	-20 °C