

Datasheet for ABIN7319863 IL-13 Protein (mFc Tag)



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1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | IL-13 (IL13) |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IL-13 protein is labelled with mFc Tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Recombinant Human Interleukin-13/IL-13 (C-mFc) |
| Sequence: | Gly21--Asn132 |
| Characteristics: | Recombinant Human Interleukin-13 is produced by our Mammalian expression system and the target gene encoding Gly21-Asn132 is expressed with a mFc tag at the C-terminus. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

| | |
|-------------------|---|
| Target: | IL-13 (IL13) |
| Alternative Name: | Interleukin-13/IL-13 (IL13 Products) |
| Background: | Background: Interleukin-13 is also known as IL-13. It is a protein that in humans is encoded by the IL13 gene. Interleukin-13 is an immunoregulatory cytokine produced primarily by activated Th2 cells. It is involved in several stages of B-cell maturation and differentiation. It up-regulates |

Target Details

CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils.

Synonym: Interleukin-13, IL-13

Molecular Weight: 38.7 kDa

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

Handling

Format: Lyophilized

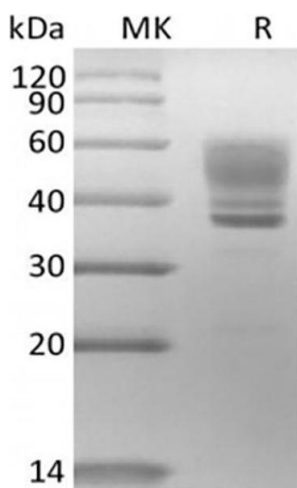
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.