



Recombinant Canine IL-13 Protein [His] (DAGC265)

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

PRODUCT INFORMATION

Product Overview	Ser19 - Arg131 with N-terminal His Tag
Species	Canine
Conjugate	His
Applications	Positive Control, Immunogen, SDS-PAGE, WB
Molecular Weight	16.1kDa
Reconstitution	Reconstitute in PBS or others.
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Format	Lyophilized
Size	10 µg, 50 µg, 200 µg, 1 mg, 5 mg
Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Preservative	Proclin 300
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

BACKGROUND

Introduction	Interleukin 13 (IL-13) is a single-chain glycosylated polypeptide, which belongs to the IL-13/IL-4 family. IL-13 protein is secreted by many cell types, but especially by T helper type 2 (Th2) cells. IL-13 exerts its effects through a multi-subunit receptor comprising the alpha chain of the
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IL-4 receptor (IL-4R α) and at least one of two known IL-13-specific binding chains (IL-13 R α 1 and IL-13 R α 2). As a cytokine, IL-13 protein is critical in regulating inflammatory, immune responses and diseases. In addition, it inhibits the production of pro-inflammatory cytokines and chemokines, and thus down-regulates macrophage activity. IL-13 protein and antibody is more importantly implicated as a central mediator of immunoregulatory processes in various cell types.

Keywords

IL13; interleukin 13; IL-13; Canine IL13; Canine IL-13; Canien interleukin 13
