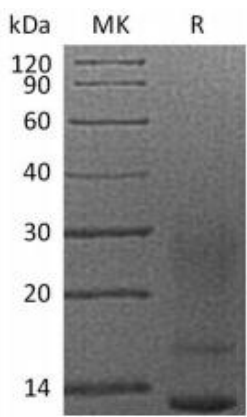


Recombinant Human IL-13 (C-6His)

Catalog#:AC13168 Derived from Human Cells

DESCRIPTION	Recombinant Human Interleukin-13 is produced by our Mammalian expression system and the target gene encoding Gly35-Asn146 is expressed with a 6His tag at the C-terminus. Accession#: AAH96139 Known as: Interleukin-13; IL-13
FORMULATION	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
SHIPPING	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
STORAGE	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
RECONSTITUTION	<i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i> <i>It is not recommended to reconstitute to a concentration less than 100µg/ml.</i> Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
QUALITY CONTROL	Mol Mass: 13.4kDa AP Mol Mass: 13-30kDa, reducing conditions. Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
BACKGROUND	Interleukin-13 is also known as IL-13. It is a protein that in humans is encoded by the IL13 gene. Interleukin13 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 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.
SDS-PAGE	 <p style="text-align: center;">kDa MK R</p> <p style="text-align: center;">120 90 60 40 30 20 14</p>