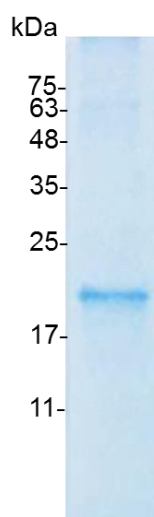


PRODUCT INFORMATION
IL-19 (Interleukin-19), Mouse

Catalog number	C02023-5UG / C02023-20UG / C02023-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interleukin 19 (IL-19) is a protein that in humans is encoded by the IL19 gene. This cytokine is found to be preferentially expressed in monocytes. It can bind the interleukin-20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively, spliced transcript variants encoding the distinct isoforms have been described.
Source	<i>Escherichia coli</i>
Sequence	MLRRCLISVDMRLIEKSFHEIKRAMQTKDTFKNVTILSLENLRSIKPGDVCCMTN NLLTFYRDRVFQDHHQERSLEVLRRISSIANSFLCVQKSLERCQVHRQCNCSCQEA TNATRIIHDNYNQLEVSSAALKSLGELNILLAWIDRNHLETPAA with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in BaF3 cells transfected with human IL-20 R alpha and human IL-20 R beta. The ED ₅₀ for this effect is <0.6 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant mouse IL-19

For Research Use Only.