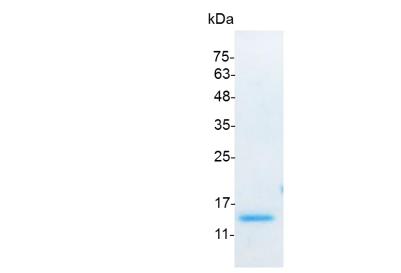
## PRODUCT INFORMATION IL-20 (Interleukin-20), Mouse

Catalog number	C02024-5UG / C02024-20UG / C02024-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interleukin 20 (IL20) is a cytokine structurally related to interleukin 10 (IL-10). This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis.
Source	Escherichia coli
Sequence	MLKTLHLGSCVITANLQAIQKEFSEIRDSVQAEDTNIDIRILRTTESLKDIKSLDRC CFLRHLVRFYLDRVFKVYQTPDHHTLRKISSLANSFLIIKKDLSVCHSHMACHCG EEAMEKYNQILSHFIELELQAAVVKALGELGILLRWMEEML with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 $\mu$ g 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 <2 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 $H_2O$ to a concentration not less than 100 $\mu$ g/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-20

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