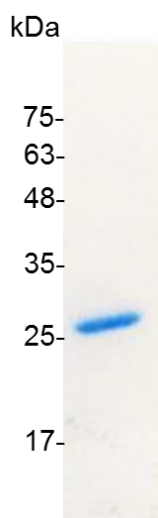


PRODUCT INFORMATION
IL-30 (Interleukin-30), Mouse

Catalog number	C02033-5UG / C02033-20UG / C02033-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interleukin-30 (IL-30) is a protein with a molecular weight of 28 kilodaltons, which forms one chain of the heterodimeric cytokine called interleukin 27 (IL-27), thus is sometimes called IL27-p28. The other chain of IL-27 is a molecule called Epstein-Barr induced gene-3 (EBI3). IL-30 is a member of the long-chain, 4-helix bundle family of cytokines, making it structurally similar to IL-6. This gene for this molecule is now officially called IL-27 under HGNC guidelines.
Source	<i>Escherichia coli</i>
Sequence	MFPTDPLSLQELRREFTVSLYLARKLLSEVQGYVHSFAESRLPGVNLDLLPLGY HLPNVSLTFQAWHHLSDSERLCFLATTLRPFPA MLGGLGTQGTWTSSEREQL WAMRLDLRDLHRHLRFQVLAAGFKCSKEEEDKEEEEEEEEEEEKKLPLGALGGP NQVSSQVSWPQLLYTYQLLHSLVLVSRVDRLLLLSLPRRPGSAWDS 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 protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED ₅₀ for this effect is <5 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-30

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