

Catalog number	C01036-5UG / C01036-20UG / C01036-100UG
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	MFPRPPGRPQLSLQELRREFTVSLHLARKLLSEVRGQAHRAESHLPGVNLYL LPLGEQLPDVSLTFQAWRRLSDPERLCFISTTLQPFHALLGGLGTQGRWTNME RMQLWAMRLDLRDLQRHLRFQVLAAGFNLPEEEEEEEEEEEEEERKGLLPGAL GSALQGPAQVSWPQLLSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPT LSPQP with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human IL-30

For research use only.