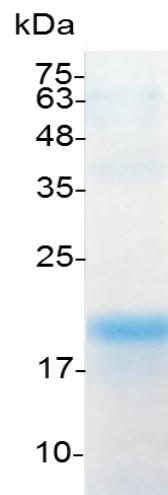


IL-32 alpha (Interleukin-32 alpha), Human

v. 231001

Catalog number	C01038-5UG / C01038-20UG / C01038-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interleukin-32α (IL-32 α) is one of approximately 6 splice variants of a gene cloned from the human lung carcinoma stable transfectant, A549-Rβ. IL-32 α has been shown to induce IL-8, TNF-α, and MIP-2 production from human & mouse macrophage cell lines. It is up-regulated in activated T- & NK-cells, and IFN-γ-treated epithelial cells.
Source	<i>Escherichia coli</i>
Sequence	MCFPKVLSDDMKKLRMHQAIFRYDKMQNAESGRGQVMSSLAELEDDFKE GYLETVAAYYEEQHPELTPLEKERDGLRCRGNRSPVPDVEDPATEEPGESFC DKSYGAPRGDKEELTPQKCSEPQSSK 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 TNF alpha secretion in RAW264.7 cells. The ED ₅₀ for this effect is <10 µg/mL.
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-32 alpha

For research use only.