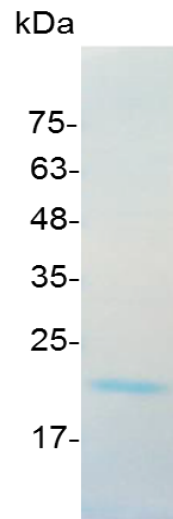


IL-29 (Interleukin-29), Human

v. 231001

Catalog number	C01035-5UG / C01035-20UG / C01035-100UG
Package	5 µg / 20 µg / 100 µg
Description	Interleukin-29 (IL-29) is a member of the helical cytokine family and is a type III interferon. It is also known as IFNλ1 and is highly similar in amino acid sequence to the IL-28, the other type III interferon. IL-29 plays an important role in host defenses against microbes and its gene is highly upregulated in cells infected with viruses. IL29 is not present in the mouse genome.
Source	<i>Escherichia coli</i>
Sequence	MPTSKPTTTGKGCHIGRFKSLSPQELASFKKARDALEESLKLKNWSCSSPVFP GNWDLRLLQVRERPVALEAELALTLKVLEAAAGPALEDVLDQPLHTLHHILSQL QACIQPQPTAGPRPRGRLHHWLHRLQEAPKKEASGCLEASVTFNLFRLLRDL KYVADGNLCLRTSTHPEST 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 IL-8 secretion in HuH7 cells. The ED ₅₀ for this effect is <6 ng/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-29

For research use only.