

Recombinant Human Interferon lambda-3 Protein

Catalog #	Source	Reactivity	Applications
CRP2758	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human Interferon lambda-3 Protein is produced by mammalian expression system and the target gene encoding Val22-Val196 is expressed.
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH7.4.
Gene Symbol	IFNL3
Alternative Names	IL28B; IL28C; ZCYTO22; Interferon lambda-3; IFN-lambda-3; Cytokine Zcyto22; Interleukin-28B; IL-28B; Interleukin-28C; IL-28C
Entrez Gene	282617 (Human)
SwissProt	Q8IZI9 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	VPVARLRGAL PDARGCHIAQ FKSLSPQELQ AFKRAKDALE ELLLLKDCKC RSRLFPRPWD LRQLQVRERP VALEAELALT LKVLEATADT DPALGDVLDQ PLHTLHHILS QLRACIQPQP TAGPRTRGRL HHWLHRLQEA PKKESPGCLE ASVTFNLFRL LTRDLNCVAS GDLCV
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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