PRODUCT INFORMATION

Target	IL29
Synonyms	IFNL1; IL-29
Description	Recombinant human IL29 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q8IU54
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	IL29(Gly20-Thr200) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 46.2 kDa after removal of the signal peptide. The apparent molecular mass of IL29-hFc is approximately 35-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA). [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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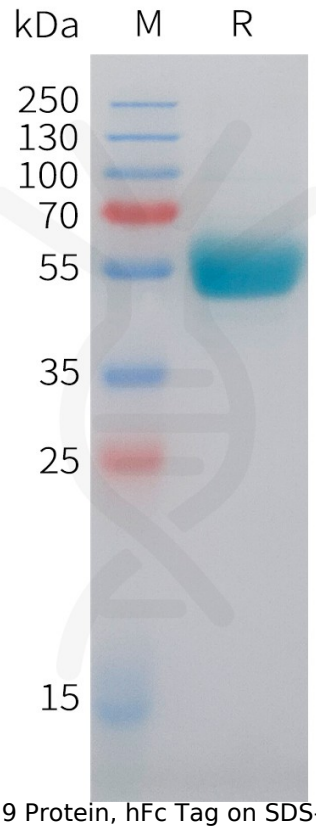


Figure 1. Human IL29 Protein, hFc Tag on SDS-PAGE under reducing condition.

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