PRODUCT INFORMATION

Target	IL22
Synonyms	IL-22;IL-TIF;ZCYTO18
Description	Recombinant Human IL22 with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9GZX6
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	IL22(Ala34-Ile179) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 33.9 kDa after removal of the signal peptide. The apparent molecular mass of IL22-hFc is approximately 35-55 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 is a member of the IL10 family of cytokines that mediate cellular inflammatory responses. The encoded protein functions in antimicrobial defense at mucosal surfaces and in tissue repair. This protein also has pro-inflammatory properties and plays a role in in the pathogenesis of several intestinal diseases. [provided by RefSeq, Jul 2018]
Usage	Research use only
Conjugate	Unconjugated

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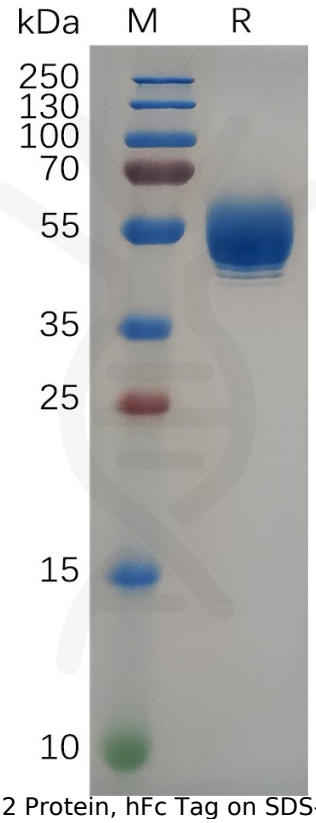


Figure 1. Human IL22 Protein, hFc Tag on SDS-PAGE under reducing condition.

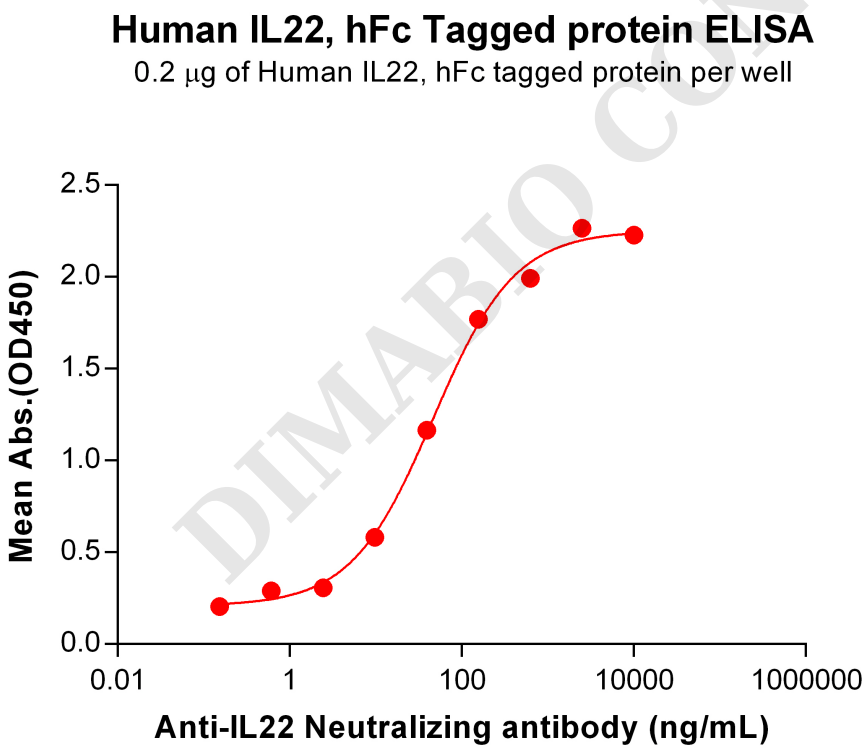


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human IL22 Protein, hFc Tag (PME100651) can bind Anti-IL22 Neutralizing antibody BME100114 in a linear range of 2.44–625.00 ng/mL.

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