PRODUCT INFORMATION

Target	IL33
Synonyms	DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26
Description	Recombinant human IL33(109-270) Protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	O95760
Expression Host	HEK293
Tag	N-6×His tag
Molecular Characterization	6×His tag IL33(His109-Thr270)
Molecular Weight	The protein has a predicted molecular mass of 19.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% 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	The protein encoded by this gene is a cytokine that binds to the IL1RL1/ST2 receptor. The encoded protein is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]
Usage	Research use only
Conjugate	Unconjugated

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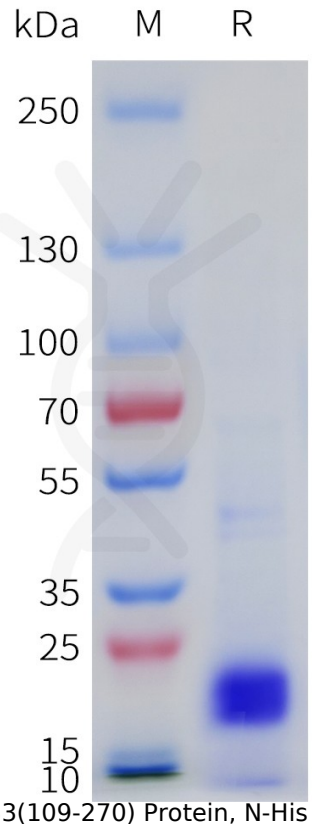


Figure 1. Human IL33(109-270) Protein, N-His Tag on SDS-PAGE under reducing condition.

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