IL-33 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P77966
Synonyms:	C9orf26 Z; DVS27; IL1F11; NF-HEV; NFEHEV; IL33; DV27; C9ORF26; RP11-575C20.2
Species:	Cynomolgus
Source:	HEK293
Accession:	A0A2K5W3I1 (H109-I270)
Gene ID:	102140695
Molecular Weight:	25-30 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	IL-33 protein belongs to the IL-1 family and is known for its high divergence from other family members. It functions as an important cytokine involved in various immune responses and inflammatory processes. IL-33 plays a crucial role in promoting the activation and recruitment of immune cells, such as T-helper 2 (Th2) cells, mast cells, and eosinophils, to sites of inflammation. It is primarily produced by epithelial and endothelial cells and acts through its receptor, ST2, to induce the production of other pro-inflammatory cytokines and chemokines. IL-33 has been implicated in various diseases, including asthma, allergic diseases, and autoimmune disorders, highlighting its significance as a therapeutic target for modulating immune responses.

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