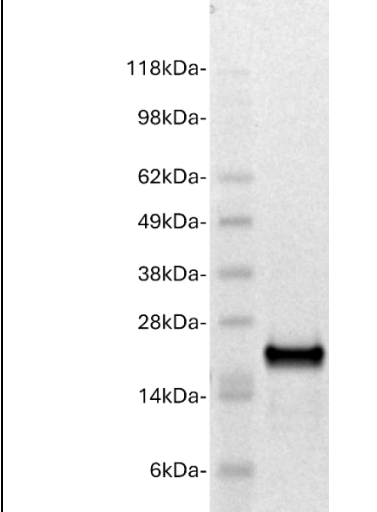


Interleukin-18 (IL-18) is a proinflammatory cytokine that is produced by many cell types including macrophages, dendritic cells, microglial cells, and keratinocytes. It is a member of the IL-1 family of cytokines and functions with IL-12 to induce production of IFN γ from T cells and NK cells. Uncontrolled release of IL-18 is associated with severe chronic inflammatory diseases. IL-18 is synthesized as an inactive precursor protein that is processed by caspase-1 into its mature secretable form.

Description	
Source	E. coli, Asn36-Ser192, with N-terminal His Tag
UniProt	P70380
Purity	>95% by SDS-PAGE
Predicted Molecular Mass	20.2 kDa
SDS-PAGE	22.1 kDa
Formulation	Lyophilized from 1X PBS with Trehalose
Preparation and Storage	
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein
Shipping	Ambient
Storage	2 years at -80°C; 2 years at -20°C Upon reconstitution: 2 years at -80°C; 2 years at -20°C
Expiration	2 years from date of receipt
	
	Mouse IL-18 (2µg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.

Ampersand Biosciences products may not be sequenced, reverse engineered, or investigated in any way to determine composition without the expressed written consent of Ampersand Biosciences.

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