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Datasheet for ABIN7505547

IL1A Protein (AA 115-270) (His tag)

Overview

Quantity:	100 µg
Target:	IL1A
Protein Characteristics:	AA 115-270
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1A protein is labelled with His tag.

Product Details

Sequence:	Ser 115-Ser 270
Characteristics:	A DNA sequence encoding the Rat IL1A/IL-1F1 protein (P16598) (Ser 115-Ser 270) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	IL1A
Alternative Name:	IL1A (IL1A Products)
Background:	<p>Background: IL-1 alpha (Interleukin-1 alpha) is a cytokine that is induced during microbial exposure and promotes the release of multiple inflammatory mediators and acute phase proteins. It also supports hematopoietic stem cell expansion, promotes neutrophil mobiliza</p> <p>Synonym: BAF, Hematopoietin-1, IL1 alpha, IL-1 alpha, IL1, IL1A, IL-1A, IL1-ALPHA, IL1F1, IL-1F1,</p>

Target Details

	IL1F1hematopoietin-1, interleukin 1, alpha, interleukin-1 alpha, LAF, LEM, preinterleukin 1 alpha, pro-interleukin-1-alpha
Molecular Weight:	17.05 kDa
UniProt:	P16598
Pathways:	NF-kappaB Signaling , Autophagy , Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months