Datasheet for ABIN7320583

IL1A Protein

1 Image

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Overview

Quantity:	100 µg
Target:	IL1A
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse IL-1A/IL-1α Protein
Sequence:	Ser115-Ser270
Characteristics:	Recombinant Mouse Interleukin-1 alpha is produced by our E.coli expression system and the target gene encoding Ser115-Ser270 is expressed.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL1A
Alternative Name:	IL-1A/IL-1alpha (IL1A Products)
Background:	Background: Mouse Interleukin-1 (IL-1) designates two proteins, IL-1α and IL-1β, which are the products of distinct genes, but recognize the same cell surface receptors. IL-1α and IL-1β are structurally related polypeptides that show approximately 25 % homology at the amino acid level. Both proteins are produced by a wide variety of cells in response to stimuli such as those

Target Details

	produced by inflammatory agents, infections, or microbial endotoxins. The proteins are synthesized as 31 kDa precursors that are subsequently cleaved into proteins with molecular weights of approximately 17.5 kDa. Synonym: Interleukin-1 Alpha, IL-1 Alpha, Il1a
Molecular Weight:	18.0 kDa
UniProt:	P01582
Pathways:	NF-kappaB Signaling, Autophagy, Cancer Immune Checkpoints

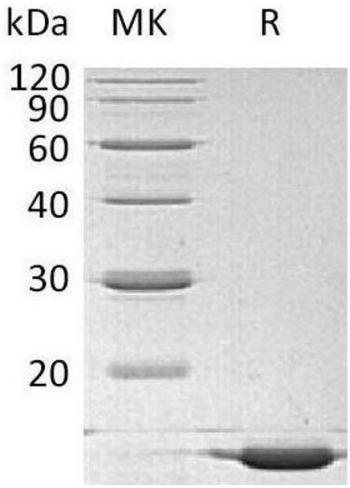
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 50 mM TrisHCl, 200 mM NaCl, pH 8.0.
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.

Images



Western Blotting

Image 1.