

Recombinant Cattle IL1A protein, His-tagged

Cat. No. IL1A-619C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle IL1A aa. (Ile109~Val251) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Ile109~Val251
Form	Freeze-dried powder
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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Storage buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Gene Name	IL1A interleukin 1 alpha [Bos taurus (cattle)]
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Official Symbol	IL1A
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Synonyms	IL1A; interleukin-1 alpha; IL-1 alpha
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Gene ID	281250
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mRNA Refseq	NM_174092.1
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Protein Refseq	NP_776517.1
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UniProt ID	P08831
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