

Recombinant Cattle HMOX1 protein, His & T7-tagged

Cat. No. HMOX1-2603C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle HMOX1 aa. (Met1~Met289) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Met1~Met289
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.
Applications	SDS-PAGE; WB; ELISA; IP
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

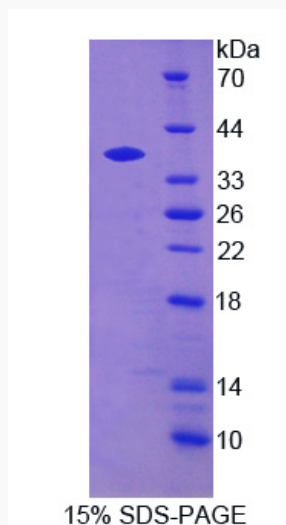
Gene Name	HMOX1 heme oxygenase 1 [Bos taurus (cattle)]
Official Symbol	HMOX1
Synonyms	HMOX1; HO-1; heme oxygenase 1; heme oxygenase (decycling) 1; heme oxygenase (decyclizing) 1
Gene ID	513221
mRNA Refseq	NM_001014912.1
Protein Refseq	NP_001014912.1
UniProt ID	Q5E9F2

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SDS-PAGE



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