Recombinant Cattle HIF1A protein, His-tagged

Cat. No. HIF1A-7712C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle HIF1A aa. (Pro45~Arg180 (Accession # Q9XTA5)) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Pro45~Arg180
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.3kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
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.

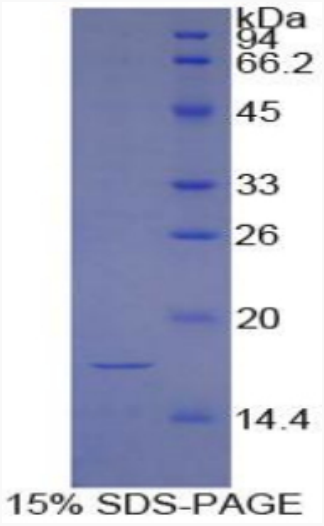
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile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

GENE INFORMATION

Gene Name	HIF1A hypoxia inducible factor 1 alpha subunit [Bos taurus (cattle)]
Official Symbol	HIF1A
Synonyms	HIF-1-alpha; HIF1-alpha; hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor); hypoxia-inducible factor 1-alpha
Gene ID	281814
mRNA Refseq	NM_174339.3
Protein Refseq	NP_776764.2
UniProt ID	Q9XTA5

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SDS-PAGE	

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