

Recombinant Mouse Hmox2 protein, His & T7-tagged

Cat. No. Hmox2-2617M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hmox2 aa. (Lys41~Lys292 (Accession # O70252)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Lys41~Lys292
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.3.
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	Hmox2 heme oxygenase 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Hmox2
Synonyms	Hmox2; heme oxygenase 2; HO2; HO-2; heme oxygenase (decycling) 2
Gene ID	15369
mRNA Refseq	NM_001136066.2
Protein Refseq	NP_001129538.1
UniProt ID	O70252

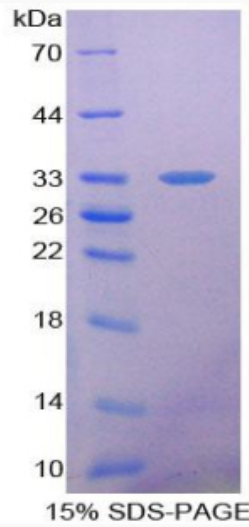
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SDS-PAGE



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