

Recombinant Mouse Hmox1 protein, His & S-tagged

Cat. No. Hmox1-2605M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hmox1 aa. (Pro99~Arg237 (Accession # P14901)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Pro99~Arg237
Form	Freeze-dried powder
Molecular Mass	21.6 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>97%
Characteristic	The isoelectric point is 6.26.
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, pH 7.4.
Reconstitution	Reconstitute in PBS.

GENE INFORMATION

Gene Name	Hmox1 heme oxygenase 1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Hmox1
Synonyms	Hmox1; heme oxygenase 1; HO1; HO-1; Hmox; Hemox; Hsp32; D8Wsu38e; heme oxygenase 1; P32 protein; heme oxygenase (decycling) 1; hemoxygenase
Gene ID	15368
mRNA Refseq	NM_010442.2
Protein Refseq	NP_034572.1
UniProt ID	P14901

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