

Recombinant Mouse Hmox1 protein, His-B2M-tagged

Cat. No. Hmox1-3041M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hmox1 protein(P14901)(1-289aa), fused to N-terminal His tag and B2M tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-289aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	46.9 kDa
AA Sequence	MERPQPDSMPQDLSEALKEATKEVHIQAENAEFMKNFQKGQVSREGFKLVMSLY HIYTALEEEIERNKQNPVYAPLYFPEELHRRRAALEQDMAFWYGPHWQEIPCTPATQ HYVKRLHEVGRTHPELLVAHAYTRYLGDLGGQVLKKIAQKAMALPSSGEGLAFFTF PNIDSPTKFKQLYRARMNTLEMTPEVKHRVTEEAKTAFLLNIELFEELQVMLTEEHKD QSPSQMASLRQRPASLVQDTAPAETPRGKPQISTSSSQTPLLQWVLTLSFLLATVAV GIYAM
Purity	Greater than 85% as determined by SDS-PAGE.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

Hmox1 heme oxygenase (decycling) 1 [*Mus musculus*]

Official Symbol

Hmox1

Synonyms

HMOX1; heme oxygenase (decycling) 1; heme oxygenase 1; P32 protein; hemoxygenase; HO1; HO-1; Hmox; Hemox; Hsp32; D8Wsu38e;

Gene ID

15368

mRNA Refseq

NM_010442

Protein Refseq

NP_034572

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