

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	MERPQPDSMPQDLSEALKEATKEVHIQAENAEFMKNFQKGQVSREGFKLVMASLY HIYTALEEEIERNKQNPVYAPLYFPEELHRRRAALEQDMAFWYGPHWQEIIPTPATQ HYVKRLHEVGRTHPELLVAHAYTRYLGDLSGGQVLKkiaQKAMALPSSGEGLAFFTF PNIDSPTKFKQLYRARMNTLEMTPEVKHRVTEEAKTAFLLNIELFEELQVMLTEEHKD QSPSQMASLRQRPASLVQDTAPAETPRGKPKQISTSSSQTPLLQWVLTLSFLLATVAV GIYAM
Purity	Greater than 85% as determined by SDS-PAGE.

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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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