

Recombinant Human HMOX1 protein, His-tagged

Cat. No. HMOX1-3040H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMOX1 protein(P09601)(3-288aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	3-288aa
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	36.6 kDa
AA Sequence	RPQPDSMPQDLSEALKEATKEVHTQAENAEFMRNFQKGQVTRDGFKLVMASLYHIY VALEEEIERNKESPVFAPVYFPEELHRKAALEQDLAFWYGPRWQEVIPYTPAMQRY VKRLHEVGRTEPELLVAHAYTRYLGLDSGGQVLKKIAQKALDLPSSGEGLAFFTFPNI ASATKFKQLYRSRMNSLEMTPAVRQRVIEEAKTAFLLNIQLFEELQELLTHDTKDQSP SRAPGLRQRASNKVQDSAPVETPRGKPPLNTRSQAPLLRWVLTLSFLVATVAVGLY AM
Purity	Greater than 90% 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 [Homo sapiens]
Official Symbol	HMOX1
Synonyms	HMOX1; heme oxygenase (decycling) 1; heme oxygenase 1; bK286B10; HO 1; heat shock protein, 32-kD; HO-1; HSP32;
Gene ID	3162
mRNA Refseq	NM_002133
Protein Refseq	NP_002124
MIM	141250
UniProt ID	P09601

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