

## Recombinant Human HMOX1 protein, GST-tagged

**Cat. No.** HMOX1-6744H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HMOX1 protein(1-288 aa), fused with N-terminal GST tag, was expressed in E. coli.
<b>ProteinLength</b>	1-288 aa
<b>Tag</b>	N-GST
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
<b>AA Sequence</b>	MERPQPDSMPQDLSEALKEATKEVHTQAENAEFMRNFQKQGQVTRDGFKLVMASLY HIYVALEEEIERNKESPVFAPVYFPEELHRKAALEQDLAFWYGPRWQEVIPYTPAMQ HYVKRLHEVGRTEPELLVAHAYTRYLGDLSGGQVLKKAQKALDLPSSGEGLAFFTF PNIASATKFKQLYRSRMNSLEMPAVRQRVIEEAKTAFLLNQLFEELQELLTHDTKD

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QSPSRAPGLRQRASNKVQDSAPVETPRGKPLNTRSQAPLLRWLTLVATVAV  
GLYAM

## 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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SDS-PAGE



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