

Heme oxygenase 1 Recombinant Protein | HMOX1 recombinant protein

Recombinant Mus musculus Heme oxygenase 1

CATALOG # AAA309776	HOST Yeast
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PRODUCT SYNONYMS

Heme oxygenase 1; Recombinant Mus musculus Heme oxygenase 1; P32 protein; HMOX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Full Length, 1-289aa
Calculated MW	34.93 kD
Target Species	Mouse
Tag Info	His-tag
Preparation and Storage	Store at -20°C, for extended storage, conserve at -20°C or -80° C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for HMOX1 recombinant protein	He oxygenase cleaves the he ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of he oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed. Exhibits cytoprotective effects since excess of free he sensitizes cells to undergo apoptosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754212
NCBI GeneID	15368
NCBI Accession #	NP_034572.1
NCBI GenBank Nucleotide #	NM_010442.2
UniProt Accession #	P14901
NCBI Official Full Name	heme oxygenase 1
NCBI Official Synonym Full Names	heme oxygenase 1
NCBI Official Symbol	Hmox1
NCBI Official Synonym Symbols	HO1; HO-1; Hmox; Hemox; Hsp32; D8Wsu38e
NCBI Protein Information	heme oxygenase 1
UniProt Protein Name	Heme oxygenase 1

UniProt Gene Name	Hmox1
UniProt Synonym Gene Names	HO-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hmox1-recombinant-protein-yeast/309776>