

Heme oxygenase 1 (Hmox1) Recombinant Protein | Hmox1 recombinant protein

Recombinant Mouse Heme oxygenase 1 (Hmox1)

CATALOG # AAA113862	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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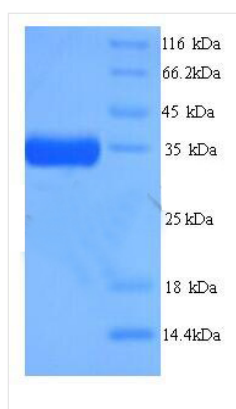
PRODUCT SYNONYMS

Heme oxygenase 1 (Hmox1); Recombinant Mouse Heme oxygenase 1 (Hmox1); Hmox1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-289aa; Full Length Protein
Sequence	MERPQPSMP QDLSEALKEA TKEVHIQAEN AEFMKNFQKG QVSREGFKLV MASLYHIYTA LEEEIERNKQ NPVYAPLYFP EELHRRRALE QDMAFWYGPH WQEIIPCTPA TQHYVKRLHE VGRTHPELLV AHAYTRYLGD LSGGQVLKKI AQKAMALPSS GEGLAFFTFP NIDSPTKFKQ LYRARMNTLE MTPEVKHRVT EEAKTAFLLN IELFEELQVM LTEEKDKQSP SQMASLRQRP ASLVQDTAPA ETPRGKPQIS TSSSQTPLLQ WVLTL SFLLA TVAVGIYAM
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Hmox1 recombinant protein	Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed. Exhibits cytoprotective effects since excess of free heme sensitizes cells to undergo apoptosis.
Product Categories/Family for Hmox1 recombinant protein	Cell Biology

References	"Isolation and characterization of a complementary DNA clone for a Mr 32,000 protein which is induced with tumor promoters in BALB c 3T3 cells." Kageyama H., Hiwasa T., Tokunaga K., Sakiyama S. Cancer Res. 48:4795-4798(1988)
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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
Molecular Weight	34.9 kDa
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-e-coli/113862>