

Heme Oxygenase 1 (HO1) Recombinant Protein | HO1 recombinant protein

Recombinant Heme Oxygenase 1 (HO1)

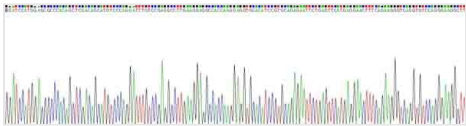
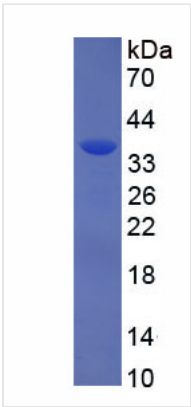
CATALOG # AAA151023	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Heme Oxygenase 1 (HO1); Recombinant Heme Oxygenase 1 (HO1); HO1/Heme Oxygenase 1; HMOX1; Hsp32; HMOX1D; HO1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Met1~Met289
Applicable Applications for HO1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Prokaryotic expression
Organism Species	Rat
Isoelectric Point	6.5
Subcellular Location	Membrane
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for HO1 recombinant protein	Enzyme & Kinase; Metabolic pathway; Cardiovascular biology; Prokaryotic recombinant
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981032
NCBI GeneID	24451
NCBI Accession #	NP_036712.1
NCBI GenBank Nucleotide #	NM_012580.2
UniProt Accession #	P06762; Q5BK87
Molecular Weight	33,006 Da
NCBI Official Full Name	heme oxygenase 1
NCBI Official Synonym Full Names	heme oxygenase 1
NCBI Official Symbol	Hmox1
NCBI Official Synonym Symbols	Ho1; Heox; Hmox; Ho-1; HEOXG; hsp32
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://stage.aaabiotech.com/hmox1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/151023>