



Recombinant Mouse Heme oxygenase 1 (Hmox1)

Product Code	CSB-YP010583MO
Relevance	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.
Abbreviation	Recombinant Mouse Hmox1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P14901
Alias	P32 protein
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MERPQPDSMPQDLSEALKEATKEVHIQAENAEFMKNFQKGGQVSREGFKLVMA SLYHIYTALEEEIERNKQNPVYAPLYFPEELHRRAALEQDMAFWYGPHWQEIIP CTPATQH YVKRLHEVGRTHPELLVAHAYTRYLGDLSGGQVLK KIAQKAMALPS SGEGLAFFTFPNIDSPTKFKQLYRARMNTLEMTPEVKHRVTEEAKTAFLLNIEL FEELQVMLTEEHKDQSPSQMASLRQRPASLVQDTAPAETPRGKPKQISTSSSQ TPLLQWVLTLSFLLATVAVGIYAM
Research Area	Others
Source	Yeast
Target Names	Hmox1
Protein Names	Recommended name: Heme oxygenase 1 Short name= HO-1 EC= 1.14.99.3 Alternative name(s): P32 protein
Expression Region	1-289aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	34.9kDa
Protein Length	Full Length
Image	

