



Recombinant Mouse Heme oxygenase 1 (Hmox1)

Product Code CSB-EP010583MO Relevance Heme oxygenase cleaves the heme ring at the alpha methene bridge to form billiverdin. Billiverdin is subsequently converted to billirubin by billiverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestrated and destroyed. Exhibits cytoprotective effects since excess of free heme 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 Product Type Recombinant Protein Immunogen Species Mus musculus (Mouse) Purity Greater than 85% as determined by SDS-PAGE. Sequence MERPOPDSMPQDLSEALKEATKEVHIQAENAEFMKNFQKGQVSREGFKLVMA SLYHIYTALEEEIERNKQNPYAPLYFPEELHRAALEQDMAFWYGPHWOEIIP CTPATQHYVKRLHEVGRTHPELLVAHAYTRYLGDLSGGVLKKIAQKAMALPS SGGCLAFFTFPNIDSPTKFKQLYRARMNTLEMTPEVKHRVTEEAKTAFLLNIEL FELQVMLTEEHKDQSPSQMASLRQPASLVQDTAPAETPRGKPQISTSSSQ TPLLQWVLTLSFLLATVAVGIYAM Research Area Cell Biology Source E.coli Target Names Hmox1 Protein Names P32 protein Expression Region <t< th=""><th></th><th></th></t<>		
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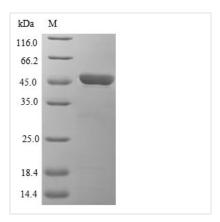
CUSABIO TECHNOLOGY LLC

Tel: +1-301-363-4651

☐ Email: cusabio@cusabio.com ☐ Website: www.cusabio.com ☐







(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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