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YB90584Mu01

Heme Oxygenase 1, Decycling (H01)

Organism: *Mus musculus* (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

3th Edition (Revised in February, 2012)

[DESCRIPTION]

Protein Names: Heme Oxygenase 1, Decycling

Synonyms: H01

Species: Mouse

Size: 100μg

Source: *Escherichia coli*-derived

Subcellular Location: Microsome. Endoplasmic reticulum.

[PROPERTIES]

Residues: Pro99~Arg237 (Accession # P14901), with two N-terminal Tags, His-tag and S-tag.

Grade & Purity: >97%, 21.6 kDa as determined by SDS-PAGE reducing conditions.

Form & Buffer: Supplied as lyophilized form in PBS, pH 7.4.



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Endotoxin Level: <1.0 EU per 1 μ g (determined by the LAL method).

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

Predicted Molecular Mass: 21.6 kDa

Predicted isoelectric point: 6.26

[PREPARATION]

Reconstitute in PBS.

[STORAGE AND STABILITY]

Storage: Store at 4°C for short time storage (1-2 weeks). Aliquot and store at -20°C or -80°C for long term storage. Avoid repeated freeze/thaw cycles.

Valid period: 12 months stored at -80°C.

[BACKGROUND]

The target protein is fused with two N-terminal tags, His-tag and S-tag, its sequence is listed below.

MHHHHHSSGLVPRGSGMKETAAAKFERQHMDSPDLGTDDDDKAMADIGSEF-PH WQEIIIPCTPA

TQHYVKRLHE VGRTHPELLV AHAYTRYLGD LSGGQVLKKI AQKAMALPSS GEGLAFFTFP NIDSPTKFKQ

LYRARMNTLE MTPEVKHRVT EEAKTAFLN IELFEELQVM LTEEKDKQSP SQMASLR

[REFERENCES]

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