Recombinant Heme Oxygenase 1 (HO1) Instruction Manual

SIPA520Po02

Sus scrofa; Porcine (Pig)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationMembranePredicted Molecular Mass63.1kDa

Accurate Molecular Mass 63kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Met288 with N-terminal His and GST Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 7.2

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MEHSQPNSMP QDLSEALKEA TKEVHVQAEN AEFMKNFQKG EVTREGFKLV
MASLYHIYDA LEEEIEHNKE NPVYTPLYFP EELHRRAALE QDMAFWYGPR
WQEAIPYTQA TKRYVRRLQQ VGRFEPELLV AHAYTRYMGD LSGGQVLKKI
AQKALDLPSS GEGLAFFTFP NVANATKFKQ LYRSRMNTLE MTPEVKQRVL
EEAKTAFLLN IQLFEEVQEL LTQDTKDQRP SQASDIRKRA GSRVQDSTPV

TTPRGKPQLS VLSQVPLIRW VLTLSFLVAT VAMGLYAM

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

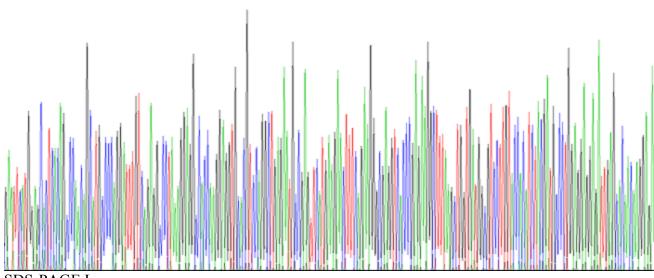
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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°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.

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SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.