

# Recombinant Heme Oxygenase 1 (HO1) Instruction Manual

SIPA520Po02

**Sus scrofa; Porcine (Pig)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane
<b>Predicted Molecular Mass</b>	63.1kDa
<b>Accurate Molecular Mass</b>	63kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~Met288 with N-terminal His and GST Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	7.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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MEHSQPN SMP QDLSEALKEA TKEVHVQAEN AEFMKNFQKG EVTREGFKLV  
MASLYHIYDA LEEEIEHNKE NPVYTPLYFP EELHRRRAALE QDMAFWYGPR  
WQEAIPYTQA TKRYVRRLLQQ VGRFEPELLV AHAYTRYMGD LSGGQVLKKI  
AQKALDLPSS GEGLAFFTFP NVANATKFKQ LYRSRMNTLE MTPEVKQRVL  
EEAKTAFLLN IQLFEEVQEL LTQDTKDQRP SQASDIRKRA GSRVQDSTPV  
TTPRGKPQLS VLSQVPLIRW VLTL SFLVAT VAMGLYAM
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## USAGE

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

## STORAGE

