



Human HMOX1 / HSP32

Synonyms: HO-1, HSP32, bK286B10, HMOX-1, Heme oxygenase 1, HMOX1, HO, HO1.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
10 µg	4109.950.010		
50 µg	4109.950.050		
1 mg	4109.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

HO-1 Human Recombinant protein produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 274 amino acids (1-266) and having a molecular mass of 31.4 kDa. HO-1 is fused to an 8 amino acid His Tag at C-Terminus.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Buffer** HMOX1 1 mg/ml solution containing 20 mM Tris-HCl pH -8, 50 mM NaCl, 0.1 mM PMSF and 10 % glycerol*
- **Physical State** Sterile filtered colorless solution

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MERPQPHSMP QDLSEALKEA TKEVHTQAEN AEFMRNFQKG QVTRDGFGLV MASLYHIYVA LEEEIERNKE
 SPVFAPVYFP EELHRKAALE QDLAFWYGPR WQEVIPYTPA MQRVVKRLHE VGRTEPELLV AHAYTRYLGD
 LSGGQVLKKI AQKALDLPSS GEGLAFFTFP NIASATKFKQ LYRSRMNSLE MTPAVRQRVI EEAKTAFLLN
 IQLFEELQEL LTHDTKDQSP SRAPGLRQRA SNKVQDSAPV ETPRGKPPLN TRSQAPLEHH HHHH

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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