

Heme Oxygenase 1 Human Recombinant

Item Number	rAP-1447
Synonyms	HO-1, HSP32, bK286B10, HMOX-1, Heme oxygenase 1, HMOX1, HO, HO1.
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 and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P09601
Amino Acid Sequence	MERPQPHSMP QDLSEALKEA TKEVHTQAEN AEFMRNFQKG QVTRDGFGLV MASLYHIYVA LEEEIERNKE SPVFAPVYFP EELHRKAALEQDLAFWYGPR WQEVIPYTPA MORYVKRLHE VGRTE- PELLV AHAYTRYLGD LSGGQVLKKI AQKALDLPSS GEGLAFFTFP NIASATKFKQLYRSRMNSLE MTPAVRQRVI EEAKTAFLLN IQLFEELQEL LTHDTKDQSP SRAPGLRQRA SNKVQDSAPV ETPRGKP- PLN TRSQAPLEHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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 or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	HMOX1 1 mg/ml solution containing 20mM Tris-HCl pH-8, 50mM NaCl, 0.1mM PMSF and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**