

## Heme Oxygenase-2 Human Recombinant

Item Number	rAP-1449
Synonyms	EC 1.14.99.3, HO2, Heme oxygenase 2, HO-2, HMOX2.
Description	HMOX2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 264 amino acids (1-264 a.a.) and having a molecular mass of 30.5 kDa. HMOX2 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P30519
Amino Acid Sequence	SAEVETSEG VDESEKKNSG ALEKENQMRM ADLSELLKEG TKEAHDRAN TQFVKDFLKG NIKKELF-KLA TTALYFTYSA LEEEMERNKD HPAFAPLYFP MELHRKEALT KDMYFFGEN WEEQVQCPKA AQKYVERIHY IGQNEPELLV AHAYTRYMGD LSGGQVLKKV AQRALKLPST GEGTQFYLFENVDNAQQFKQ LYRARMNALD LNMKTKERIV EEANKAFEYN MQIFNELDQA GSTLARETLE DGFPVHDGKG DMRK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. HMOX2 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	HMOX2 solution containing 20mM Tris pH-8, 1mM DTT and 10% glycerol. Greater than 90% 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**