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Heme oxygenase1,1-266aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP02432

第三版

别名:HO-1, Heat shock protein 32, HSP32

描述:Heme oxygenase 1 belongs to the heme oxygenase family and is an essential enzyme in heme catabolism. It cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Also this protein is known to play an important role in the regulation of cardiovascular function and its adaptive response to a variety of stressors.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 50 mM NaCl,0.1 mM PMSF, 10% glycerol

分子量:31.4 kDa (274 aa), confirmed by MALDI-TOF

序列:

MERPQPHSMPQDLSEALKEATKEVHTQAENAEFMRNFQKGQVTRDGFKLVMASLYHIYVALEEEIERNKESPVFAPVYFP  
EELHRKAALEQDLAFWYGPRWQEVIPYTPAMQRYVKRLHEVGRTEPELLVAHAYTRYLGDLSGGQVLKKAQKALDLPSS  
GEGLAFFTFPNIASATKFKQLYRSRMNSLEMTPAVRQRVIEEAKTAFLLNIQLFEELQELLTHDTKDQSPSRAPGLRQRASNK  
VQDSAPVETPRGKPLNTRSQAPLEHHHHHH

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.