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HMOX2, 1-264aa, Human, E.coli

产品货号: TP02474

第三版

别名:Heme oxygenase 2, HO-2.

描述:HMOX2 is microsomal enzyme that cleave heme ring at the alpha methane bridge to produce the antioxidant biliverdin, inorganic iron and carbon monoxide. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. This protein appears to be constitutively expressed in mammalian tissues. HMOX2 is involved in the production of carbon monoxide (CO) in brain, where CO is thought to act as a neurotransmitter.

配方:Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol 1mM DTT.

分子量:30.5 kDa (264aa)

序列:

MSAEVETSEGVDSEKKNNGALEKENQMRMADLSELLKEGTKEAHDRAENTQFVKDFLKGNIKKELFKLATTALYFTYSAL
EEEMERNKDHPAFAPLYFPMELHRKEALTKDMEYFFGENWEEQVQCPKAAQKYVERIHIGQNEPELLVAHAYTRYMG
DLSSGGQVLKKVAQRALKLPSTGEGTQFYLFENVDNAQQFKQLYRARMNALDLNMKTKERIVEEANKAFEYNMQIFNEL
DQAGSTLARETLEDGFPVHDGKGD MRK

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.