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EPHX1, 21- 455aa Human, T7-tagged, E.coli

产品货号: TP02034

第三版

别名: Epoxide hydrolase 1, microsomal (xenobiotic), Epoxide hydrolase 1, microsomal (xenobiotic), MEH, EPHX, EPOX

描述: Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity. Recombinant human EPHX1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量: 52.2 kDa (451aa)

序列:

MASMTGGQQMGRGSHMRDKEETLPLEDGWWGPGTRSAAREDDSIKPKVETSDEEIHDLHQRIDKFRFTPPLEDSCFH  
YGFNSNYLKKVISYWRNEFDWKKQVEILNRYPHFKTKIEGLDIHFHVKPPQLPAGHTPKLLMVHGWPGSFYEFYKIIPLLT  
DPKNHGLSDEHVFEVICPSIPGYGFSEASSKKGFSVATARIFYKLMLRLGFQEFYIQGGDWGSLICTNMAQLVPSHVKGL  
HLNLMALVLSNFSTLTLLLGQRFRFLGLTERDVELLYPVKEKVFYSLMRESGYMHIQCTKPDTVGSALNDSPVGLAAYILEK  
FSTWTNTEFRYLEDGGLERKFSLDDLLTNVMLYWTTGTIISQRFYKENLGQGWMTQKHERMKVYVPTGFSAFPPELLHT  
PEKWVRFKYPKLISYSYMRGGHFAAFEEPELLAQDIRKFLSVLERQ

纯度: > 95% by HPLC

浓度: 0.25 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.