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HAGH, 1-260aa, Human, His tag, E.coli

产品货号: TP02396

第三版

别名: Hydroxyacylglutathione hydrolase, GLO, GLX2, Glyoxalase II, HAGH1

描述: HAGH is a member of the glyoxalase family and a thiolesterase which hydrolyses S-lactoyl-glutathione to reduced glutathione and D-lactate. This protein is a detoxifying enzyme of glycolysis byproduct methylglyoxal and a target of p63 and p73 and serves as a pro-survival factor of the p53 family. It exists only as a monomer and binds two zinc ions per subunit.

配方: Liquid. In 20 mM Tris-HCl Buffer (pH 8.5) containing 10% Glycerol

分子量: 31.4 kDa (284aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMKVEVLPALTDNYMYLVIDDETKEAAIVDPVQPQKVVDAAARKHGVKLTTLTTLT  
HHHWDHAGGNEKLVKLESGLKVYGGDDRIGALTKITHLSTLQVGSLSNVKCLATPCHTSGHICYFVSKPGGSEPPAVFT  
GDTLFFVAGCGKFYEGTADEMCKALLEVLGRLPPDTRVYCGHEYTINNLKFARHVEPGNAAIKREKLAWAKEKYSIGEPTVP  
STLAEFTYNPFMRVREKTVQQHAGETDPVTTMRAVRREKDKQFKMPRD

纯度: > 95% by HPLC

浓度: 0.5 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.