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URM1, 1-101aa, Human, His tag, E.coli

产品货号: TP04439

第三版

别名: Ubiquitin-related modifier 1 homolog, C9orf74, MGC2668, RP11-339B21.4

描述: URM1 is ubiquitin-related modifier 1 homolog protein that primarily functions in the post-translational modification of proteins by way of the urmylation pathway. In studies with *Saccharomyces cerevisiae*, it has been found that Urm1 covalently binds to its E1 activating enzyme, Uba4p, to conjugate alkyl hydroperoxide reductase (Ahp1). It is hypothesized that this complex may then play a role in the oxidative-stress response in mammals. Recombinant human URM1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

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

分子量: 13.5 kDa (121 aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAAPLSVEVEFGGGAELLDGIIKHRVTLPGQEPPWDIRNLLIWIKNLLKERPELFIQG
DSVRPGILVLINDADWELLGELDYQLQDQDSVLFISTLHGG

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.