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HERPUD1, 1-263a Human, His tag, E.coli

产品货号: TP02435

第三版

别名: Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein, HERP, Mif1, SUP

描述: Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein, also known as HERPUD1, is a 391 amino acid multi-pass membrane protein that localizes to the ER and contains one N-terminal ubiquitin-like domain. Widely expressed with highest expression in the brain, HERP is a component of the ERAD system and, via its ubiquitin-like domain, is thought to be involved in the destruction of misfolded proteins. Recombinant human HERPUD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol

分子量: 31.6 kDa (286aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMESETEPEPVTLVKSPNQRHRDLELSGDRGWSVGHKLAHLRVYPERPRPEDQRL  
IYSGKLLLDHQCLRDLLPKQEKRHVHLVLCNVKSPSKMPEINAKVAESTEPEAGSNRGQYPEDSSSDGLRQREVLRLNLSPPG  
WENISRPEAAQAFQGLGPGFSGYTPYGWLQLSWFQQIYARQYYMQYLAATAASGAFVPPPSAQEIPVVSAPAPAPIHNQ  
FPAENQPANQNAAPQVVVNPGANQNLRMNAQGGPIVEEDDEINRD

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.