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TXNDC12, 27-172aa, Human, His tag, E.coli

产品货号: TP04355

第三版

别名: Thioredoxin domain-containing protein 12, AG1; AGR1; ERP18; ERP19; hAG-1; PDIA16; TLP19

描述: TXNDC12 belongs to the thioredoxin super family. Members of this super family possess a thioredoxin fold with a consensus active-site sequence (CxxC) and have roles in redox regulation, defense against oxidative stress, refolding of disulfide-containing proteins, and regulation of transcription factors. Recombinant human TXNDC12 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 0.15M NaCl, 10% glycerol

分子量: 20.8 kDa (184aa) confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMHNGLGKGFGDHIIHWRTLEDGKKEAAASGLPLMVII  
HKSWCGACKALKPKFAESTEISELSHNFVMVNLEDEEHPKDEDFSPDGGYIPRILFLDPSGKVHPEIINENGNPSYKYFYVSA  
EQVVQGMKEAQERLTGDAFRKKHLEDEL

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.