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ERCC1, 1-273aa, Human, His tag, E.coli

产品货号: TP02041

第三版

别名: DNA excision repair protein ERCC-1, COFS4, RAD10, UV20.

描述: ERCC1, also known as DNA excision repair protein ERCC-1, functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. Defects in ERCC1 are the cause of cerebro-oculo-facio-skeletal syndrome type 4 (COFS4). Recombinant human ERCC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 32.5 kDa (297aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMDPGKDKEGVPQPSGPPARKKFVIPLDEDEVPPGVAKPLFRSTQSLPTVD TSAQA
APQTYAEYAI SQPLEGAGATCPTGSEPLAGETPNQALKPGAKSNSIIVSPRQRGNPVLKFVRNVPWEFGDVIPDYVLGQST
CALFLSLRYHNLHPDYIHGRLQSLGKNFALRVLLVQVDVKDPQQALKELAKMCILADCTLILAWSPEEAGRYLETYKAYE
QKPADLLMEKLEQDFVSRSLQLIAASREDLALCPGLGPQKARRLFDVLEPFLKVP

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.