

Human ERCC1 Recombinant Protein



RPPB3459

Product Information Protein Information

Product SKU:

RPPB3459

Accession:

P07992

Host:

E.coli.

Protein description:

ERCC1 Human Recombinant produced in E. coli is a single polypeptide chain containing 297 amino acids (1-273) and having a molecular mass of 32.5kDa. ERCC1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Excision Repair Cross-complementing rodent repair deficiency complementation group 1 (includes overlapping antisense sequence), RAD10, COFS4, UV20, DNA excision repair protein ERCC-1.

Formulation:

The ERCC1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMDPGKD KEGVPQPSGP PARKKFVIPL DEDEVPPGVA KPLFRSTQSL
PTVD TSAQAA PQT YAEY AIS QPLEGAGATC PTGSEPLAGE TPNQALKPGA KSNSIIVSPR QRG NPVLK FV
RNV PWEFGDV IPDYVLGQST CALFLSLRYH NLHPDYIHGR LQSLGKNFAL RVLLVQVDVK DPQQALKELA
KMCILADCTL ILAWSPEEAG RYLETYKAYE QKPADLLMEK LEQDFVSRSL EQLIAASRED LALCPGLGPQ
KARRLFDVLH EPFLKVP