

## 32-3759: ERCC1, GST Recombinant Protein(Discontinued)

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

### Description

Source : Escherichia Coli. ERCC1 Human Recombinant produced in E.Coli encoding human full length ERCC1 is fused to a GST tag and has a total molecular mass of 61kDa (including GST). The ERCC1 is purified by proprietary chromatographic techniques. ERCC1 polypeptide is essential for nucleotide excision repair (NER) of damaged DNA and is homologous to Saccharomyces cerevisiae RAD10, which takes part in repair and mitotic intra-chromosomal recombination. NER mechanism includes dual incisions on both sides of the damage catalyzed by two nucleases. In mammalian cells XPG cleaves 3' of the DNA lesion while the ERCC1-XPF complex makes the 5' incision. Raised levels of ERCC1 were also found in cisplatin-resistant cells.

### Product Info

**Amount :** 5 µg  
**Content :** ERCC1is supplied in 100µg/ml in 50mM Tris-HCl (pH7.5) with 10mM L-glutathione (reduced).  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.