

Recombinant Human ERCC4 protein, His-tagged

Cat. No. ERCC4-3826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERCC4 protein(658-753 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	658-753 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	RGTASADVSTDTRKAGGQEQNGTQQSIVVDMREFRSELP SLIHRRGIDIEPVTLEVG DYILTPEMCVERKSISDLIGSLNNGRLYSQCISMSRYK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	ERCC4 excision repair cross-complementing rodent repair deficiency, complementation group 4 [Homo sapiens]
Official Symbol	ERCC4
Synonyms	ERCC4; excision repair cross-complementing rodent repair deficiency, complementation group 4; XPF; DNA repair endonuclease XPF; RAD1; xeroderma pigmentosum; complementation group F; DNA excision repair protein ERCC-4; DNA repair protein complementing XP-F cells; xeroderma pigmentosum, complementation group F; xeroderma pigmentosum group F-complementing protein; excision-repair, complementing defective, in Chinese hamster; ERCC11;
Gene ID	2072
mRNA Refseq	NM_005236
Protein Refseq	NP_005227
MIM	133520
UniProt ID	Q92889

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