

Recombinant Mouse Ercc4 Protein, Myc/DDK-tagged

Cat. No. Ercc4-2853M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length excision repair cross-complementing rodent repair deficiency, complementation group 4 (cDNA clone MGC:30522, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalytic component of a structure-specific DNA repair endonuclease responsible for the 5-prime incision during DNA repair. Involved in homologous recombination that assists in removing interstrand cross-link.
Molecular Mass	102.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name Ercc4 excision repair cross-complementing rodent repair deficiency, complementation group 4 [*Mus musculus* (house mouse)]

Official Symbol Ercc4

Synonyms Ercc4; excision repair cross-complementing rodent repair deficiency, complementation group 4; Xp; Xpf; AI606920; DNA repair endonuclease XPF; DNA excision repair protein ERCC-4; DNA repair endonuclease subunit

Gene ID 50505

mRNA Refseq NM_015769

Protein Refseq NP_056584

UniProt ID Q9QZD4

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