

## Recombinant Mouse Ercc4 Protein, Myc/DDK-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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. |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>Description</b>      | 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.       |
| <b>Molecular Mass</b>   | 102.5 kDa                                                                                                                                                                                                               |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                             |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                           |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                          |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                        |
| <b>Storage Buffer</b>   | 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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