

Recombinant Human ERCC4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ERCC4-5573H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ERCC4 MS Standard C13 and N15-labeled recombinant protein (NP_005227) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene forms a complex with ERCC1 and is involved in the 5' incision made during nucleotide excision repair. This complex is a structure specific DNA repair endonuclease that interacts with EME1. Defects in this gene are a cause of xeroderma pigmentosum complementation group F (XP-F), or xeroderma pigmentosum VI (XP6).
Molecular Mass	104.3 kDa
AA Sequence	MESGQPARRIAMAPLLEYERQLVLELLDGLVVCARGLGADRLLYHFLQLHCHPA CLVLVLNTQPAEEEEYFINQLKIEGVEHLPRRVTNETSNSRYEVYTQGGVIFATSRILV VDFLTDRIPSDLITGILVYRAHRIIESCQEAFILRLFRQKNKRGFIKAFTDNAFAFDTG CHVERVMRNLFVRKLYLWPRFHVAVNSFLEQHKPEVVEIHVSMTPTMLAIQTAILDIL NACLKELKCHNPSLEVEDLSLENAIGKPFDKTIRHYLDPLWHQLGAKTKSLVQDLKIL RTLLQYLSQYDCVTFLNLLESLRATEKAFGQNSGWLFLDSSTSMFINARARVYHLPD AKMSKKEKISEKMEIKEGEETKKELVLESNPKWEALTEVLKEIEAENKESEALGGPG QVLICASDDRTCSQLRDYITLGAEAFLLRLYRKTFEKDSKAEEVWMKFRKEDSSKRI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RKSHKRPKDPQNKERASTKERTLKKKKRKLTLTQMVGKPEEEEEEEDVEEGYRREI
 SSSPESCPEEIKHEEFVDNLSSDAAFGILKEPLTIIHPLLGCSDPYALTRVLHEVEPRY
 VVLYDAELTFVRQLEIYRASRPGKPLRVYFLIYGGSTEEQRYLTALRKEKEAFEKLIRE
 KASMVVPEEREGRDETNDLVRG TASADVSTDTRKAGGQE QNGTQQSIVVDMREF
 RSELP SLIHRRGIDIEPVTLEVGDYILTPEMCVERKSISDLIGSLNNGRLYSQCISMSR
 YYKRPVLLIEFDPSKPFSLTSRGALFQEISSNDISSKLTLLTLHFPRRLILWCPSPHATA
 ELFEELKQSKPQPDAATALAITADSETLPESEKYNPGPQDFLLKMPGVNAKNCRSLM
 HHVKNIAELAALSQDELTSILGNAANAKQLYDFIHTSFAEVVSKGKGKKTRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ERCC4 ERCC excision repair 4, endonuclease catalytic subunit [Homo sapiens (human)]

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

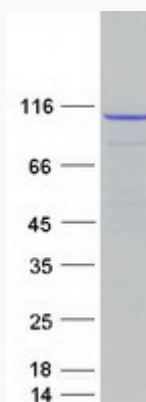
mRNA Refseq NM_005236

Protein Refseq NP_005227

MIM 133520

UniProt ID Q92889

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA