

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 CLVVLVNTQPAEEEEYFINQLKIEGVEHLPRRVVTNEITSNSRYEVYTQGGVIFATSRILV VDFLTDRI PSDLITGILVYRAHRIIESCQEAFILRLFRQKNKRGFIKAFTDNAVAFDTGF CHVERVMRNLVVRKLYLWPRFHVAVNSFLEQHKPEVVEIHVSMTPTMLAIQTAILDIL NACLKELKCHNPSLEVEDLSLENAIGKPFDKTIRHYLDPLWHQLGAKTKSLVQDLKIL RTLLQYLSQYDCVTFLNLLESLRATEKAFGQNSGWLF LDSSTSMFINARARVYHLPD AKMSKKEKISEKMEIKEGEETKKELVLESNPKWEALTEVLKEIEAENKESEALGGPG QVLICASDDRTCSQLRDYITLGAEAFLLRLYRKTFEKDSKAEEVWMKFRKEDSSKRI

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RKSHKRPKDPQNKERASTKERTLKKKKRKLTLTQMVGKPEEELEEEGDVEEGYRREI
 SSSPESCPEEIKHEEFDVNLSSDAAFGILKEPLTIIHPLLGCSDPYALTRVLHEVEPRY
 VVLYDAELTFVRQLEIYRASRPGKPLRVYFLIYGGSTEEQRYLTALRKEKEAFEKLIRE
 KASMVVPEEREGRDETNLDLVRGTASADVSTDTRKAGGQEONGTQQSIVVDMREF
 RSELP SLIHRRGIDIEPVTLEVGDIYILTPEMCVERKSISDLIGSLNNGRLYSQCISMSR
 YYKRPVLLIEFDPSKPFSLTSRGALFQEISSNDISSKLTLLTLHFPRRLRILWCPSPHATA
 ELFEELKQSKPQPDAATALAITADSETLPESEKYNPGPQDFLLKMPGVNAKNCRSLM
 HHVKNIAELAALSQDELTSILGNAANAKQLYDFIHTSFAEVVSKGKGKKTTRTRPLEQK
 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

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](#)

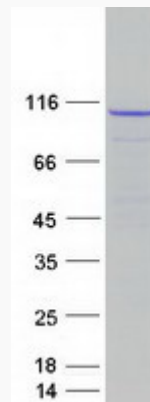
mRNA Refseq [NM_005236](#)

Protein Refseq [NP_005227](#)

MIM [133520](#)

UniProt ID [Q92889](#)

SDS-PAGE



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