

Product datasheet for TP323300L

XPF (ERCC4) (NM_005236) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human excision repair cross-complementing rodent repair deficiency, complementation group 4 (ERCC4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223300 representing NM_005236 Red=Cloning site Green=Tags(s)

MESGQPARRIAMAPLLEYERQLVLELLDLDGLWCARGLGADRLLYHFLQLHCHPACLVLVNTQPAEEE
YFINQLKIEGVEHLPRRVTNEITSNSRYEVYTQGGVIFATSRLVVDLTDRI PSDLITGILVYRAHRII
ESCQEA FILRLFRQKNKRGFIKFTDNAVAFDTGFCHVERVMRNLFVRKLYLWPRFHVAVNSFLEQHKPE
VVEIHVSMTPTMLAIQTAILDILNACLKELKCHNPSLEVEDLSLENAIGKPFDKTIRHYLDPLWHQLGAK
TKSLVQDLKILRTLQYLSQYDCVTFLNLLSLRATEKAFGQNSGWLFDSSTSMFINARARVYHLPDAK
MSKKEKISEKMEIKEGEETKKELVLESNPKWEALTEVLKEIEAENKESEALGGPGQVLICASDDRTCSQL
RDYITLGAEAFLLRKYRKF EKDSKAEVWVKFRKEDSSKRIRKSHKRPKDPQNKERASTKERTLKKKKR
KLTLTQMVGKPEEEEEEGDVEEGYRREISSPESCPEEIKHEEFDVNLSSDAAFGILKEPLTIHPLLGC
SDPYALTRVLHEVEPRYVWLYDAELTFVRQLEIYRASRP GKPLRVYFLIYGGSTEEQRYLTALRKEKEAF
EKLIREKASMVVPEEREGRDETNDLVRGTASADVSTDTRKAGGQE QNGTQQSIVDMREFRSELP SLIH
RRGIDIEPVTLEVGDYILTPEMCVERKSISDLIGSLNNGRLYSQCISMSRYKRPVLLIEFDPSKPFSLT
SRGALFQEISSNDISSKLTLLTLHFPRLRILWCPSPHATAELFEELKQSKPQDAATALAITADSETLPE
SEKYNPGPQDFLLKMPGVNAKNCRSLMHHVKNIAELAALSQDELTSILGNAANAKQLYDFIHTSFAEVS
KGKGGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

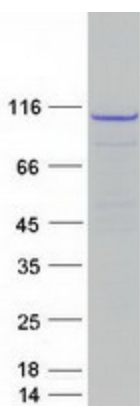
Tag:	C-Myc/DDK
Predicted MW:	104.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005227
Locus ID:	2072
UniProt ID:	Q92889 , A0A1W1GSK9
RefSeq Size:	2751
Cytogenetics:	16p13.12
RefSeq ORF:	2748
Synonyms:	ERCC11; FANCO; RAD1; XFEPS; XPF
Summary:	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). [provided by RefSeq, Mar 2009]
Protein Families:	Druggable Genome
Protein Pathways:	Nucleotide excision repair

Product images:



Coomassie blue staining of purified ERCC4 protein (Cat# [TP323300]). The protein was produced from HEK293T cells transfected with ERCC4 cDNA clone (Cat# [RC223300]) using MegaTran 2.0 (Cat# [TT210002]).