

Product datasheet for TP511135

Ercc4 (BC026792) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse excision repair cross-complementing rodent repair deficiency, complementation group 4 (cDNA clone MGC:30522, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211135 protein sequence Red =Cloning site Green =Tags(s)

MAPLLEYERQQVLELLDSDGLWVCARGLGTDRLLYHFLRLHCHPACLVVLNTPAAEEYFINQLKIEGV
EHLPRRVTEIASNSRYEVYTGQGIIFATSRLVVDLFTGRIPSDLITGILVYRAHRIIESCQEAFLRL
FRQKNKRGFIKAFTDNAFAFDGFGCHVERVMRNLFVRKLYLWPRFHVAVNSFLEQHKPEVVEIHVSMTPA
MLAIQTAILDILNACLKELKCHNPSLEVEDLSLENALGKPFDKTIRHYLDPLWHQLGAKTKSLVQDLKIL
RTLLQYLSQYDCVTFNLNLESRLATEKVFGQNSGWLFLDASTSMFVNARARVYRVPDVKLNKKAKTSEKT
SSPEVQETKKELVLESNPKWEALTDVLKEIEAENKESEALGGPGRVLICASDDRTCCQLRDYLSAGAETF
LLRLYRKTFEKDGKAAEEVWVNRKGDGPKRTTKSDKRPKAAPNKERASAKRGAPLKRKKQELTLTQVLGS
AEPPEDKALEEDLCRQTSSSPEGCGVEIKRESFDLNVSSDAAYGILKEPLTIIHPLLGCSDPYALTRVL
HEVEPRYVWLYDAELTFVRQLEIYRASRPGKPLRVYFLIYGGSTEEQRYLTALRKEKEAFEKLIREKASM
VPEEREGRDETNDLARGSAALDAPTDTRKAGGQEONGTQSSIVVDMREFRSELSLIHRRGIDIEPVT
LEVGDYILTPELCVERKSVSDLIGSLHSGRLYSQCLAMSRYRRPVLLIEFDPSKPFSLAPRGAFFQEMS
SSDVSSKLTLLTLHFPRLLWCPSPHATAELFEELKQNKQPDAATAMAITADSETLPESDRYNPGPQD
FVLKMPGVNAKNCRSLMNQVKNIAELATLSLERLTTILGHSGNAKQLHDFLHTAYADLVSKGRVRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	102.5 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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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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	50505
UniProt ID:	Q9QZD4
RefSeq Size:	3235
Cytogenetics:	16 A1
RefSeq ORF:	2718
Synonyms:	AI606920; Xpf
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]