Recombinant Human ERCC6 Protein, MYC/DDK-tagged

Cat. No. ERCC6-2113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ERCC6 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	This gene encodes a DNA-binding protein that is important in transcription-coupled excision repair. The encoded protein has ATP-stimulated ATPase activity, interacts with several transcription and excision repair proteins, and may promote complex formation at DNA repair sites. Mutations in this gene are associated with Cockayne syndrome type B and cerebrooculofacioskeletal syndrome 1. Alternative splicing occurs between a splice site from exon 5 of this gene to the 3' splice site upstream of the open reading frame (ORF) of the adjacent gene, piggyback-derived-3 (GeneID:267004), which activates the alternative polyadenylation site downstream of the piggyback-derived-3 ORF. The resulting transcripts encode a fusion protein that shares sequence with the product of each individual gene. [provided by RefSeq, Mar 2016]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	168.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ERCC6 excision repair cross-complementing rodent repair deficiency, complementation group 6 [Homo sapiens]
Official Symbol	ERCC6
Synonyms	ARMD5; CKN2; COFS; COFS1; CSB; RAD26; UVSS1
Gene ID	2074
mRNA Refseq	NM_000124
Protein Refseq	NP_000115
MIM	609413
UniProt ID	Q03468

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