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Datasheet for ABIN2720416 ERCC1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



1 Image

Overview

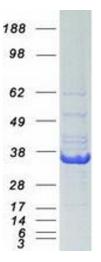
Quantity:	20 µg
Target:	ERCC1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERCC1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human ERCC1 (transcript variant 2) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	ERCC1
Alternative Name:	Ercc1 (ERCC1 Products)
Background:	The product of this gene functions in the nucleotide excision repair pathway, and is required for
	the repair of DNA lesions such as those induced by UV light or formed by electrophilic
	compounds including cisplatin. The encoded protein forms a heterodimer with the XPF
	endonuclease (also known as ERCC4), and the heterodimeric endonuclease catalyzes the 5'

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Target Details

	incision in the process of excising the DNA lesion. The heterodimeric endonuclease is also involved in recombinational DNA repair and in the repair of inter-strand crosslinks. Mutations in this gene result in cerebrooculofacioskeletal syndrome, and polymorphisms that alter expression of this gene may play a role in carcinogenesis. Multiple transcript variants encoding different isoforms have been found for this gene. The last exon of this gene overlaps with the CD3e molecule, epsilon associated protein gene on the opposite strand.
Molecular Weight:	32.4 kDa
NCBI Accession:	NP_001974
Pathways:	DNA Damage Repair, Production of Molecular Mediator of Immune Response
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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