

Datasheet for ABIN2720440  
**ERCC6 Protein (Myc-DYKDDDDK Tag)**



[Go to Product page](#)

1 Image

## Overview

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| Quantity:                     | 20 µg                                                 |
| Target:                       | ERCC6                                                 |
| Origin:                       | Human                                                 |
| Source:                       | HEK-293 Cells                                         |
| Protein Type:                 | Recombinant                                           |
| Purification tag / Conjugate: | This ERCC6 protein is labelled with Myc-DYKDDDDK Tag. |
| Application:                  | Antibody Production (AbP), Standard (STD)             |

## Product Details

|                  |                                                                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Characteristics: | <ul style="list-style-type: none"><li>• Recombinant human ERCC6 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul> |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

|         |                                                              |
|---------|--------------------------------------------------------------|
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
|---------|--------------------------------------------------------------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | ERCC6                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Alternative Name: | <a href="#">Ercc6 (ERCC6 Products)</a>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Background:       | 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 |

## Target Details

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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.

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Molecular Weight: 168.2 kDa

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NCBI Accession: [NP\\_000115](#)

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Pathways: [DNA Damage Repair](#), [Chromatin Binding](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

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Comment: The tag is located at the C-terminal.

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Restrictions: For Research Use only

## Handling

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Concentration: 50 µg/mL

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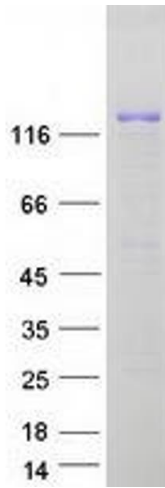
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

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Storage: -80 °C

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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