

Recombinant Human ERCC6 Protein, GST-tagged

Cat. No. ERCC6-3461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERCC6 partial ORF (NP_000115, 1394 a.a. - 1493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	36.74 kDa
AA Sequence	RARNHLILPERLESESGHLQEASALLPTTEHDDLLEMRNFIAFQAHTDGQASTREIL QEFESKLSASQSCVFRELLRNLCFHRRTSGGEGIWKLKPEYC
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ERCC6 excision repair cross-complementing rodent repair deficiency, complementation group 6 [Homo sapiens]
Official Symbol	ERCC6
Synonyms	ERCC6; excision repair cross-complementing rodent repair deficiency, complementation group 6; KKN2; DNA excision repair protein ERCC-6; Cockayne syndrome B protein; CSB; RAD26; Rad26 homolog; ATP-dependent helicase ERCC6; cockayne syndrome protein CSB; Cockayne syndrome group B protein; COFS; ARMD5; COFS1;
Gene ID	2074
mRNA Refseq	NM_000124
Protein Refseq	NP_000115
MIM	609413

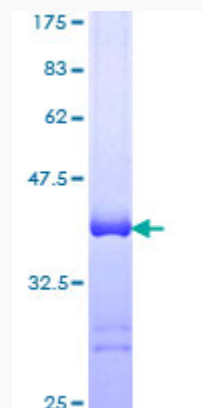
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UniProt ID

Q03468

Quality Control
Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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