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Product datasheet for RC214392L1V

ERCC8 (NM_000082) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ERCC8 (NM_000082) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ERCC8
Synonyms:	CKN1; CSA; UVSS2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000082
ORF Size:	1188 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214392).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000082.2
RefSeq Size:	2031 bp
RefSeq ORF:	1191 bp
Locus ID:	1161
UniProt ID:	Q13216
Cytogenetics:	5q12.1
Domains:	WD40
Protein Families:	Druggable Genome, Transcription Factors

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Protein Pathways: Nucleotide excision repair, Ubiquitin mediated proteolysis

MW: 43.9 kDa

Gene Summary: This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2014]