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Product datasheet for RC202425L1V

XPB (ERCC3) (NM_000122) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	XPB (ERCC3) (NM_000122) Human Tagged ORF Clone Lentiviral Particle
Symbol:	XPB
Synonyms:	BTF2; GTF2H; RAD25; Ssl2; TFIIH; TTD2; XPB
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000122
ORF Size:	2346 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202425).
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_000122.1
RefSeq Size:	2751 bp
RefSeq ORF:	2349 bp
Locus ID:	2071
UniProt ID:	P19447
Cytogenetics:	2q14.3
Domains:	DEAD, helicase_C
Protein Families:	Druggable Genome, Transcription Factors

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Protein Pathways: Nucleotide excision repair

MW: 89.3 kDa

Gene Summary: This gene encodes an ATP-dependent DNA helicase that functions in nucleotide excision repair. The encoded protein is a subunit of basal transcription factor 2 (TFIIH) and, therefore, also functions in class II transcription. Mutations in this gene are associated with Xeroderma pigmentosum B, Cockayne's syndrome, and trichothiodystrophy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]