Product datasheet for RC208964L4V

Shwachman Bodian Diamond syndrome (SBDS) (NM_016038) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Shwachman Bodian Diamond syndrome (SBDS) (NM_016038) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Shwachman Bodian Diamond syndrome
Synonyms:	CGI-97; SDO1; SDS; SWDS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016038
ORF Size:	750 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208964).
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_016038.2
RefSeq Size:	1605 bp
RefSeq ORF:	753 bp
Locus ID:	51119
UniProt ID:	Q9Y3A5
Cytogenetics:	7q11.21
Domains:	UPF0023

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MW:	28.8 kDa
Gene Summary:	This gene encodes a highly conserved protein that plays an essential role in ribosome biogenesis. The encoded protein interacts with elongation factor-like GTPase 1 to disassociate eukaryotic initiation factor 6 from the late cytoplasmic pre-60S ribosomal subunit allowing assembly of the 80S subunit. Mutations within this gene are associated with the autosomal recessive disorder Shwachman-Bodian-Diamond syndrome. This gene has a closely linked pseudogene that is distally located. [provided by RefSeq, Jan 2017]