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Product datasheet for RC204043L4V

WBSCR22 (BUD23) (NM_017528) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	WBSCR22 (BUD23) (NM_017528) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BUD23
Synonyms:	HASJ4442; HUSSY-3; MERM1; PP3381; WBMT; WBSCR22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017528
ORF Size:	843 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204043).`
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_017528.2
RefSeq Size:	1256 bp
RefSeq ORF:	846 bp
Locus ID:	114049
UniProt ID:	O43709
Cytogenetics:	7q11.23
Protein Families:	Druggable Genome

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Protein Pathways:	Androgen and estrogen metabolism, Histidine metabolism, Selenoamino acid metabolism, Tyrosine metabolism
MW:	31.9 kDa
Gene Summary:	This gene encodes a protein containing a nuclear localization signal and an S-adenosyl-L-methionine binding motif typical of methyltransferases, suggesting that the encoded protein may act on DNA methylation. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternatively spliced transcript variants have been found. [provided by RefSeq, Feb 2011]