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Product datasheet for RC209943L4V

ZFAND5 (NM_006007) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZFAND5 (NM_006007) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZFAND5
Synonyms:	ZA20D2; ZFAND5A; ZNF216
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006007
ORF Size:	639 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209943).
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_006007.1
RefSeq Size:	5747 bp
RefSeq ORF:	642 bp
Locus ID:	7763
UniProt ID:	O76080
Cytogenetics:	9q21.13
Domains:	ZnF_AN1, zf-A20
MW:	23.1 kDa

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Gene Summary: Involved in protein degradation via the ubiquitin-proteasome system. May act by anchoring ubiquitinated proteins to the proteasome. Plays a role in ubiquitin-mediated protein degradation during muscle atrophy. Plays a role in the regulation of NF-kappa-B activation and apoptosis. Inhibits NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. Inhibits also tumor necrosis factor (TNF), IL-1 and TLR4-induced NF-kappa-B activation in a dose-dependent manner. Overexpression sensitizes cells to TNF-induced apoptosis. Is a potent inhibitory factor for osteoclast differentiation. [UniProtKB/Swiss-Prot Function]