OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC206279L1V

STAM2 (NM_005843) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STAM2 (NM_005843) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STAM2
Synonyms:	Hbp; STAM2A; STAM2B
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005843
ORF Size:	1575 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206279).
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_005843.3
RefSeq Size:	5701 bp
RefSeq ORF:	1578 bp
Locus ID:	10254
UniProt ID:	O75886
Cytogenetics:	2q23.3
Domains:	SH3, VHS, UIM
Protein Pathways:	Endocytosis, Jak-STAT signaling pathway

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MW: 58.2 kDa

Gene Summary: The protein encoded by this gene is closely related to STAM, an adaptor protein involved in the downstream signaling of cytokine receptors, both of which contain a SH3 domain and the immunoreceptor tyrosine-based activation motif (ITAM). Similar to STAM, this protein acts downstream of JAK kinases, and is phosphorylated in response to cytokine stimulation. This protein and STAM thus are thought to exhibit compensatory effects on the signaling pathway downstream of JAK kinases upon cytokine stimulation. [provided by RefSeq, Jul 2008]