

## Product datasheet for **RC217975L4V**

### STON1 (NM\_006873) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	STON1 (NM_006873) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STON1
Synonyms:	SALF; SBLF; STN1; STNB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006873
ORF Size:	2205 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217975).
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. <a href="#">More info</a>
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:	<a href="#">NM_006873.2</a>
RefSeq Size:	5534 bp
RefSeq ORF:	2208 bp
Locus ID:	11037
UniProt ID:	<a href="#">Q9Y6Q2</a>
Cytogenetics:	2p16.3
Domains:	Adap_comp_sub
Protein Families:	Transcription Factors



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**Protein Pathways:** Basal transcription factors

**MW:** 83.2 kDa

**Gene Summary:** Endocytosis of cell surface proteins is mediated by a complex molecular machinery that assembles on the inner surface of the plasma membrane. This gene encodes one of two human homologs of the *Drosophila melanogaster* stoned B protein. This protein is related to components of the endocytic machinery and exhibits a modular structure consisting of an N-terminal proline-rich domain, a central region of homology specific to the human stoned B-like proteins, and a C-terminal region homologous to the mu subunits of adaptor protein (AP) complexes. Read-through transcription of this gene into the neighboring downstream gene, which encodes TFIIA-alpha/beta-like factor, generates a transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2010]