Product datasheet for RC221724L3V

STOM (NM_198194) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STOM (NM_198194) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STOM
Synonyms:	BND7; EPB7; EPB72
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_198194
ORF Size:	369 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221724).
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_198194.2
RefSeq Size:	2703 bp
RefSeq ORF:	372 bp
Locus ID:	2040
UniProt ID:	P27105
Cytogenetics:	9q33.2
Protein Families:	Transmembrane
MW:	13.5 kDa

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Gene Summary: This gene encodes a member of a highly conserved family of integral membrane proteins. The encoded protein localizes to the cell membrane of red blood cells and other cell types, where it may regulate ion channels and transporters. Loss of localization of the encoded protein is associated with hereditary stomatocytosis, a form of hemolytic anemia. There is a pseudogene for this gene on chromosome 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]