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Product datasheet for SC308228

LST1 (NM_205838) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LST1 (NM_205838) Human Untagged Clone
Tag:	Tag Free
Symbol:	LST1
Synonyms:	B144; D6S49E; LST-1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Please inquire
ACCN:	NM_205838
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_205838.1, NP_995310.1
RefSeq Size:	628 bp

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RefSeq ORF:	156 bp
Locus ID:	7940
UniProt ID:	O00453
Cytogenetics:	6p21.33
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene is a membrane protein that can inhibit the proliferation of lymphocytes. Expression of this gene is enhanced by lipopolysaccharide, interferon-gamma, and bacteria. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011] Transcript Variant: This variant (3) includes an additional exon in the 5' UTR, lacks an alternate in-frame exon in the 5' coding region, and uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.