

Product datasheet for **SC310987**

SLAIN1 (NM_001040153) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLAIN1
Synonyms:	C13orf32
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for NM_001040153 edited
 CCGGGGGGCGGGGACGCCGCGAGGGGCAGCTGCAGCGCCGCCCTCGCCGCCCCCAGC
 CTGCTGGAGCAGGTGGAATTGCTGGATCTGGAGAGCGTAGCCGCTGGCGGGACGAGGAC
 GACTACACCTGGTTATACATTGGCTCTTCAAAGACGTTACCTCATTAGAGAAATCCCTG
 ACTCCTTTGCAGTGGTGTAGACATGCTAGATAACCCAACTCCTGAGATGGAAGCAGCG
 AGACGTTCCCTGTGCTTAGACTGGAGCAAGGTACACTTCCAGGGGCTCCCCACTCAGT
 CCCCAGTCATCTATCGACAGTGAGCTGAGTACTCAGAATTGGAGGATGATTCTATCTCC
 ATGGGATATAAATTACAGGACCTCACTGATGTTTCAAGTATGCTCGTCTGCAAGAAGAA
 AGTCTCAGGCAAGATTATGCTTCTACTTCAGCATCTGTATCAAGACATAGTTCCAGTGTG
 TCATTGAGTTCAGGAAAAAAGGGACATGTAGTGATCAAGAATATGACCAATACAGTCTG
 GAGGATGAAGAGGAATTTGATCATTTGCCACCACCTCAGCCTCGTCTTCCAAGATGTTCC
 CCTTTCCAAAGAGGAATCCCATTCACAGACTTCTCCAGCATTGGGAGTGTAGGAGG
 AGCCCCAGTTCAGTATTTTCTTCAAATAATTACCAGCAGCAACAGTATTATTCACCT
 CAAGCCCAAACCTCAGATCAGCAACCAATAGGACCAATGGAGATAAGCTCCGAAGAAGT
 ATGCCATAACCTAGCCGGATGCCAAGTACAAGTCCATTAGTAGCAACATTAGTTCTCCG
 GTCACCGTGCAGAAATAGTCAGAGTTTTGACTCAAGCTTGCATGGAGCTGAAATGGAATT
 TCAAGAATAAATCTTGTATTCCATCACCAGGACAGCTTCAACACAGGGTCCACAGCGTG
 GGGCATTTCAGTGTCTATCCGACAGCCTCTTAAAGCCACAGCCTATGTGAGTCCAACC
 GTTCAAGGCAGCAGTAACATGCCTTTATCAAACGGCTTACAGCTGATTCCAACACAGGA
 ATCCCCACACCGAACAAGCTGCAGCTTCTGGGATAATGGGTCGAGTGCAGTCCCAAGA
 CCTTCGTTGGCAATAAATGGGAGTAACCTGCCTCGAAGCAAAATTGCACAACTGTTAGA
 AGTTTTCTCAGCCTCAAAGCCTCTGTCTTCACTCAGCACTCTGAGGGATGGAATTGG
 AGAGATGGTGTCTACTAATGCAGTTTTATGTACCCTTAAAAATGGGAAAGAAGTAAAA
 TGAGGGTTGTGTTACCTAGCTGGCTGGGTAGCAGTGGATGTTGGGATATTCTTCCCTTT
 TGTGTTTTAATATATTTACTGCATTGTTTCTCAATGGACCAGTCACCAGAGACTAATTAT
 TGCACCTAAATATTTGCCTGAGATACTGCAACATTCTCAAACCATGGTTGCAGTATTGT
 GACACTTAGATCTAGGAAGTTTTGTAGAACTGCTCTGTACCTGAATACTTTTTGAGAGA
 ATTAAGATGTATCAATAATGCTTTGCCATATGAGTTTTTTAAAGTAACCTGTTCAATTTA
 CTCACGTGTTCTAAACATCTTCCATTACATGTTCTGTATTTTAATACATTGCATATTGA
 CAACAGGTTCTATAATGTATGCTTTGAAATTTACTTTTTATAGTTTACAGGAATTTTA
 TTTTTGTGCCTATTTCTTTTACACCTATGTGAACCACTATGGAACAACCTAAATTTTG
 TGCCATAAAATATTTTGTGGTAAGGTACTATTTTTTAGCTCTAGGGATATATCAGCA
 AAAA: CACATCATGCAATTTGAGACACATAATTTGTGTTGAATGAGCACAACATAATTT
 GAAGCATTGCAAGGAGATAACCAGACAGCAGAATTAATGGTCCTGTCTTTTTCATTTTT
 AATTATTGTACATACATGGGTTTCATATTTATAACGGCATCATGAGCTCATTGCACCTAA
 TACCTGCAATGTTTGTACTGTACCAATTTGATTTTTCAATACTTTATTACGAAGGATGA
 AACTGTAATGTTTTATTAACAATGCTTCTGGAATGAATGCATTTTAAAGCAAATAAATC
 TTTTGTAGACCTTTTACAAATCCATTGCACTAATGAATGCTTTCTATGCGCATATA
 ACTTAATATTTGTACTGTGTACACTGCTGTTTGGAAATGTTCAAGAAATAAGACTCTAT
 TTCAGCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_001040153

Insert Size:

2300 bp

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:

The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001040153.1.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001040153.1 , NP_001035243.1
RefSeq Size:	2441 bp
RefSeq ORF:	1050 bp
Locus ID:	122060
UniProt ID:	Q8ND83
Cytogenetics:	13q22.3
Gene Summary:	Microtubule plus-end tracking protein that might be involved in the regulation of cytoplasmic microtubule dynamics, microtubule organization and microtubule elongation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform A. CCDS Note: The coding region has been updated to represent an alternative splicing pattern that is more supported by the available transcript data.