

Product datasheet for SC328630

Gamma taxilin (TXLNG) (NM_001168683) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gamma taxilin (TXLNG) (NM_001168683) Human Untagged Clone
Tag:	Tag Free
Symbol:	Gamma taxilin
Synonyms:	CXorf15; ELRG; FIAT; LSR5; TXLNGX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328630 representing NM_001168683. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGACGCGGGTAGAGGAGGCAGCGCGGGGAAGAGGCGCGCGCGGAAGAGGCGACTGAGGCCGGA
CGGGGGCGGACGGCGACGCAGCCCGCGCAGAAGCTGGAGGAGAGCAGGAGTGTTCAGAAGCAAATGAAG
ATCCTGCAGAAGAAGCAAGCCCAGATTGTGAAAGAGAAAGTTCACCTGCAGAGTGAACATAGCAAGGCT
ATCTTGCAAGAAGCAAGCTAGAATCTCTTGCAGAGAACTTCAGCGTACAATAAGACGTTAAAGGAG
GAAAATATGCAGCAGGCACGAGAGGAAGAAGAACGACGTAAGAAGCAACTGCACATTTCCAGATTACC
TTAAATGAAATTCAGCCAGCTGGAGCAGCATGACATCCACAACGCCAACTCCGACAGGAAAACATT
GAGCTGGGGGAGAAGCTAAAGAAGCTCATCGAACAGTACGACTGAGGGAAGAGCACATTGATAAGGTG
TTCAAACATAAGGAACTGCAACAGCAGCTCGTGGATGCCAACTGCAGCAAACGACACAACCTGATAAAA
GAAGCTGATGAAAAACATCAGAGAGAGAGAGATTTTTATTAAGAAGCGACAGAAATCGAGGCACAAA
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GAATTCAGACTACCATGGCAAAAAGCAATGAACTGTTTACAACCTTCAGACAGGAAATGGAAAAGATG
ACAAAGAAAATTAATAAACTGAAAAAGAAACAATAATTTGGCGTACCAATGGGAAAACAATAATAA
GCATTTCTGCAAAATGGCTGAAGAGAAAACAGTCCGTGATAAAGAGTACAAGGCCCTTCAAATAAACTG
GAACGGTTAGAGAAGCTGTGCAGGGCTCTTCAGACAGAAAGGAATGAGCTCAATGAGAAGGTGGAAGTC
CTGAAAGAGCAGGTATCCATCAAAGCGGCCATCAAAGCGGCGAACAGGGATTTAGCAACACCTGTGATG
CAGCCCTGTACTGCCCTGGATTCTCACAAGGAGCTGAACACTTCCTCGAAAAGAGCCCTGGGAGCGCAC
CTGGAGGCTGAGCCCAAGAGTCAGAGAAGCGCTGTGCAAAAGCCCGCTCCACAGGCTCTGCTCCGGCC
ATCGAGTCGGTTGACTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001168683
Insert Size:	1191 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:	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:	<ol style="list-style-type: none">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:	<u>NM_001168683.1</u>
RefSeq Size:	4022 bp
RefSeq ORF:	1191 bp
Locus ID:	55787
UniProt ID:	<u>Q9NUQ3</u>
Cytogenetics:	Xp22.2
MW:	46.3 kDa
Gene Summary:	<p>This gene encodes a member of the taxilin family. The encoded protein binds to the C-terminal coiled-coil region of syntaxin family members 1A, 3A and 4A, and may play a role in intracellular vesicle trafficking. This gene is up-regulated by lipopolysaccharide and the gene product may be involved in cell cycle regulation. The related mouse protein was also shown to inhibit activating transcription factor 4-mediated transcription and thus regulate bone mass accrual. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (2) lacks two alternate in-frame exons, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1.</p>