

Product datasheet for **SC124306**

GLMN (NM_053274) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GLMN (NM_053274) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLMN
Synonyms:	FAP; FAP48; FAP68; FKBPAP; GLML; GVM; VMGLOM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_053274, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGTAGAGGAACCTCAGTCTATAATAAAGAGATGTCAAATCCTAGAAGAGCAAGACTTTAAGAAG
AGGATTTTGGCCTATTTAGCTAGCTGGGCAAAGATGCATAGAAGAAGGGCACACAGACCAGCTATTAGA
AATTATTCAAAATGAAAAGAATAAGGTCATCATCAAGAATATGGGCTGGAATCTCGTTGGTCTGTGTG
CGATGCCTTTTGTGTAAGATAAAGAGGATAGTAAAAGAAAAGTTATTTTTTGTATTTGATTTATTGG
TAAAGTTATGCAATCCAAGGAATTATTGTTGGGTTTGCTTGAAGTGAAGAGCCCTCTGGAAAACA
GATATCCCAAAGTATTCTTTTCTTCTGCTTACAAACAGTGATTCAGAACTTCATAACAAGGCA
TATTCAATTGGATTAGCATTGTCTACCCTTTGGAATCAGCTATCTCTTCTTCTGTTCCATACTCAAAG
AACAAATACAAATGGATGACTATGGCCTTTGTGAGTGTGCAAGGCCTTAATAGAGTTCATAAGCCTTT
TGTGGAAGAAGTCATTGATAACAAAGAAAACCTACTGGAAAATGAAAAGTTAAAGGATGAATTACTGAAA
TTTTGTTTCAAAGCTTGAATGCCCTTTGCTGACAGCACAATTCTTTGAACAGTCTGAAGAAGGTGGAA
ATGATCCTTTTCAAGTATTTTGCATCAGAAATAATAGGTTTTTATCAGCAATTGGACACCCTTTCCCAA
AATGATTTTTAATCATGGAAGGAAAAAGAGAAGCTTGAATTTACCTTGAATTTGAAGAAGAAGAAAATAAA
CAGTTAGCAGACTCAATGGCTTCTCTGGCATATCTAGTATTTGTACAGGGCATCCATATTGATCAGCTTC
CAATGGTCTTAAGCCATTGTACCTTTTGCAGTTAATATGGGGCACATTGAAGTCTTTTGGAAAAGAAC
AGAAGAGTCTGTTATCTCAAAGGATTGGAGCTGCTGGAGAATAGTTTATTGAGAATAGAAGACAATAGT
CTACTTTACCAGTACTTAGAAATCAAGAGTTTTCTTACTGTACCTCAGGGCTTAGTGAAGTAATGACAC
TTTGCCCATTTGAGACTGAGGAAAAAGAGTTTAGCTATGCTTCAGCTGTATTAACAAGTTGGATTC
ACAAGGCAAAATACATTATTTAGGTGCTTATTGAATACAAGTAATCACTCAGGTGTGGAGGCTTTTATT
ATTCAAAATATCAAATCAAAATGACATGTCTTAAAGAGAACACGTAACAACAATGGTTTACAGGAC
CACAGTTGATTTCCCTTCTGATTTGGTACTTTTTCTCCAGAGGGTGCAGAAAACAGATTTACTGCAAAA
CTCAGATAGGATTATGGCTTCTTAAATTTATTGAGGATTTGGTTATCAAAGTAATGAAAATGCAAT
CAAAGTGGATTATGGACAGAACTTGGAAAATATTGAGAATAATTTCTTAAAGCCACTTCATATAGGACTTA
ATATGTCAAAGCACATTATGAAGCAGAAATAAAAATAGCCAAGAGGCCAGAAAATCTAAAGATCTTTG
TTCTATAACTGTAAGTGGAGAAGAGATCCCTAATATGCCTCCTGAAATGCAGCTTAAAGTCTGCATTCA
GCTCTTTTACATTTGATTTGATTGAAAGTGTCTAGCTCGAGTGAAGAAGTCAATGAAATAAAAAACAA
AGTCTACCTCTGAAGAAAATATTGGGATAAAGTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_053274 unedited

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NNGAACCGTCAAATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGGCGG
CGGCTGGGAGAGGCGAGGGTTCTGGCCGATTTAGCATCGAACTAGGAGAAAATAAGAATG
GCTGTAGAGGAACCTCAGTCTATAATAAAGAGATGTCAAATCCTAGAAGAGCAAGACTTT
AAAGAAGAGGATTTTGGCCTATTTAGTGTAGCTGGGCAAAGATGCATAGAAGAAGGGCAC
ACAGACCAGCTATTAGAAATTATTCAAAATGAAAAGAATAAGGTCATCATCAAGAATATG
GGCTGGAATCTCGTTGGTCTGTTGTTCCGATGCCTTTTGTGTAAGATAAAGAGGATAGT
AAAAGAAAAGTTATTTTTTGTATCTTTGATTTATTGGTAAAGTTATGCAATCCAAGGAA
TTATTGTTGGGTTTGGTGAAGTGAAGAGCCCTCTGGAAAACAGATATCCCAAAGT
ATTCTTTTGGTTCAGCCATTACAAACAGTGATTCAGAACTTCATAACAAGGCATAT
TCAATTGGATTAGCATTGTCTACCCTTTGGAATCAGCTATCTCTTCTTCTGTTCCATAC
TCAAAGAACAATAACAATGGATGACTATGGCCTTTGTGAGTGTGCAAGGCCTTAATA
GAGTTCACATAAGCCTTTTGTGGAAGAAGTCATTGATAACAAAGAAAACCTACTNGGAAAT
GAAAAGTTAAAGGATGAATTACTGAAATTTTGTTCAAAAGCTTGAATGCCCTTTGCTG
ACAGCACAAATCTTTGAACAGTCTGAAGAAGTGGGAATGATCCTTNCAGGTATTNTGCAT
CAGAAAATAGGGTTTNNATCAGCATGGACACCCTTTCCCN
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_053274 unedited NNAAATCACTTGNACCGCGCTTTCTANGATCGAGTTTTTTTTTTTTTTTACAAT TAAAAGTGATTTATTTTAGGAGTTTCGCTGCAAAATTTAACGCTCTTTAGCAAAGGACT GATACATACATATACCATAAACTCAGGTGTAGCTTCTTAGTGAGTTAAATGGACAAATC TTAGTAGGAAATAAAAATACAGAATTTCTAATCAGTTTCTTAAAGTCATATATTTTT TTAGTTTTTTCCATAAAGGTAGCAAGTATTTCTAAAATTAATCTTTGCAGATGTTTTCC TATTATAACTTCTGCTGGAGAGGTGGTATGGGACTCTGCTCCCAAAGACTCCACCTGAG CCAGGAAAAGAGAAGCTAAGAAAAGTCAACTGGCCTCTTTACACTGGTATGATAGCCAAC TTGACACTAGGAGTTTCCGAAAAGTTACATAGCATCTTACTGCAGCAGAAAGTGATAAG CTTTTTATTAAGCCACTAAAAGTGGGGAATGAATTTAGAACATTCAGCTACCTTTTATT AAATTTTAAAATATTTGGTTTGGCTGGGATTTTCAAAGATGTTTTTTAGGGCATATGTGG GGCTTTTTTACCCTTGTGGTAACTTTTAAACCAAAAAAACCCTGCTTTTGTGGTCCAC TTTTGCGAAATGCTAAATGGGAAAAAGGCTCCTTTCTTTTTTCAAGGCGTGAAATTTT TCCAGAAAAAATATTTTTTAAAGGTTTTTAAGGGATTCCTATGGGAGAAAGCCATTCT TTAGTGAGGTGTTTCATCTTTCGCAATGGACCTCCCGCTTCTTTCCCTGTCCGCCTCCCT AGGGGTGAATGTCGTGTGACAACCCGCGGTTTTCGCCCGCCGGCTCTATACATTTTTCT CCACCACTCGT
Restriction Sites:	ECoRI-NOT
ACCN:	NM_053274
Insert Size:	2620 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).
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:	NM_053274.1 , NP_444504.1
RefSeq Size:	2042 bp
RefSeq ORF:	1785 bp
Locus ID:	11146
UniProt ID:	Q92990
Cytogenetics:	1p22.1
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a phosphorylated protein that is a member of a Skp1-Cullin-F-box-like complex. The protein is essential for normal development of the vasculature and mutations in this gene have been associated with glomuvenous malformations, also called glomangiomas. Multiple splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).