

Product datasheet for **SC324126**

GLMN (NM_053274) Human Untagged Clone

Product data:

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|---------------------------|----------------------------------------------|
| 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: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_053274.2
 CTAAGACGCCGGAGGAGGTGGCGCGGCTGGGAGAGGCGAGGGTTCTGGCCGATTTAGC
 ATCGAACTAGGAGAAATAAGAAATGGCTGTAGAGGAACTTCAGTCTATAATAAAGAGATG
 TCAAATCCTAGAAGAGCAAGACTTTAAAGAAGAGGATTTTGGCCTATTTTCAGTTAGCTGG
 GCAAAGATGCATAGAAGAAGGGCACACAGACCAGCTATTAGAAATTATTCAAAATGAAAA
 GAATAAGGTCATCATCAAGAATATGGGCTGGAATCTCGTTGGTCTGTTGTTTCGATGCCT
 TTTGTGTAAGATAAAGAGGATAGTAAAAGAAAAGTTTATTTTTTGTATCTTTGATTTTATT
 GGTAAAGTTATGCAATCCAAGGAATTATTGTTGGGTTTGCTTGAAGTATTGAAGAGCC
 CTCTGGAACACAGATATCCCAAAGTATTCTTTTGGCTTCAGCCATTACAAACAGTGAT
 TCAGAACTTCATAACAAGGCATATTCAATTGGATTAGCATTGTCTACCTTTTGGAAATCA
 GCTATCTCTTCTCTGTTCCATACTCAAAGAACAATAACAATGGATGACTATGGCCT
 TTGTCAAGTGTGCAAGGCCTTAATAGAGTTCCTAAGCCTTTTGTGGAAGAAGTCATTGA
 TAACAAAGAAAACACTGGAATAAAGAAAGTTAAAGGATGAATTACTGAAATTTTGT
 CAAAAGCTTGAATGCCCTTTGCTGACAGCACAATTCTTTGAACAGTCTGAAGAAGTGG
 AAATGATCCTTTTCAGGTATTTTGCATCAGAAATAATAGGTTTTTATCAGCAATTGGACA
 CCCTTTCCCAAATGATTTTTAATCATGGAAGGAAAAAGAGAAGTGGAAATACCTTGA
 ATTTGAAGAAGAAGAAAATAAACAGTTAGCAGACTCAATGGCTTCTCTGGCATATCTAGT
 ATTTGTACAGGGCATCCATATTGATCAGCTTCCAATGGTCTTAAGCCATTGTACCTTTT
 GCAGTTTAAATATGGGGCACATTGAAGTCTTTTGGCAAAGAACAGAAGAGTCTGTTATCTC
 CAAAGGATTGGAGCTGCTGGAGAATAGTTTATTGAGAATAGAAGACAATAGTCTACTTTA
 CCAAGTACTTAGAAATCAAGAGTTTTCTTACTGTACCTCAGGGCTTAGTAAAAGTAATGAC
 ACTTTGCCCATTTAGACACTGAGGAAAAGAGTTTAGCTATGCTTCAGCTGTATATTAA
 CAAGTTGGATTACAAGGCAAAATACATTATTTAGGTGCTTATTGAATACAAGTAATCA
 CTCAGGTGTGGAGGCTTTTATTATTCAAATATCAAATCAAATGACATGTCATTAAA
 GAGAACACGTAACAACAATGGTTTACAGGACCAGTTGATTTCCCTTCTTGATTTGGT
 ACTTTTCTCCCAGAGGGTGCAGAAACAGATTTACTGCAAACTCAGATAGGATTATGGC
 TTCATTAATTTATTGAGGTATTTGGTTATCAAAGATAATGAAAATGACAATCAAATG
 ATTATGGACAGAAGTGGAAATATTGAGAATAATTTCTTAAAGCCACTTCATATAGGACT
 TAATATGTCAAAGCACATTATGAAGCAGAAATAAAAATAGCCAAGAGGCCAGAAATC
 TAAAGATCTTTGTTCTATAACTGTAAGTGGAGAAGAGATCCCTAATATGCCTCCTGAAAT
 GCAGCTTAAGGTCTGCATTCAGCTCTTTTACATTTGATTTGATTGAAAGTGTCTAGC
 TCGAGTGAAGAAGTCAATGAAATAAAAACAAAGTCTACCTCTGAAGAAAATATTGGGAT
 AAAGTGAAGTTCATTTCTAAATAAAAACTAATAAAATATAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: ECoRI-NOT

ACCN: NM_053274

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).

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| 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_053274.2, NP_444504.1</u> |
| RefSeq Size: | 2042 bp |
| RefSeq ORF: | 1785 bp |
| Locus ID: | 11146 |
| UniProt ID: | <u>Q92990</u> |
| Cytogenetics: | 1p22.1 |
| Protein Families: | Druggable Genome |
| Gene Summary: | <p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p> |