

Product datasheet for **SC107828**

Embigin homolog (EMB) (NM_198449) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Embigin homolog (EMB) (NM_198449) Human Untagged Clone
Tag:	Tag Free
Symbol:	Embigin homolog
Synonyms:	GP70
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_198449, the custom clone sequence may differ by one or more nucleotides

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ATGCGCGCCCTCCCCGGCCTGCTGGAGGCCAGGGCGCGTACGCCCCGGCTGCTCCTCCTCCAGTGCCTTC
TCGCTGCCGCGCGCCCAAGCTCGGCGGACGGCAGTGCCCCAGATTCGCCTTTTACAAGTCCACCTCTCAG
AGAAGAAATAATGGCAAATACTTTTCTTGGAGAGTCATAACATATCACTGACTGAACATTCTAGTATG
CCAGTAGAAAAAATATCACTTTAGAAAGGCCTTCTAATGTAAATCTCACATGCCAGTTCACAACATCTG
GGGATTTGAATGCAGTAAATGTGACTTGGAAAAAGATGGTGAACAACCTTGAGAATAATTATCTTGTCAG
TGCAACAGGAAGCACCTTGATACCCAATACAGGTTACCATCATTAAATAGCAAACAAATGGGAAGTTAT
TCTTGTTCCTTCGAGAGGAAAAGGAACAAAGGGGAACATTTAATTTCAAAGTCCCTGAACTTCATGGGA
AAAACAAGCCATTGATCTCTTACGTAGGGGATTCTACTGTCTTGACATGTAAATGTCAAAATTGTTTTCC
TTTAAATTGGACCTGGTACAGTAGTAATGGGAGTGTAAGGTTTCCTGTTGGTGTTCAAATGAATAAATAT
GTGATCAATGGAACATATGCTAACGAAACAAAGCTGAAGATAACACAACCTTTGGAGGAAGATGGGGAAT
CTTACTGGTGCCGTGCACTATTCCAATTAGGCGAGAGTGAAGAACACATTGAGCTTGTTGGTGCTGAGCTA
TTTGGTGCCCTCAAACATTTCTGTAAATAGTGGCTGAGGTGATTCTTTTAGTGCCACCATTCTGCTT
TGTGAAAAGTACACACAAAAGAAAAGAAGCACTCAGATGAGGGGAAAGAATTTGAGCAGATTGAACAGC
TGAAATCAGATGATAGCAATGGTATAGAAAATAATGTCCCCAGGCATAGAAAAAATGAGTCTCTGGGCCA
GTGA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_198449 unedited <pre> AATTTCGGCACCAGGCAGTCTCCACGAGGACCCAGGCGGACCTCTGGCGCCATGCGCGCC CTCCCCGGCTGCTGGAGGCCAGGGCGGTACGCCCGGGTCTCCTCCTCCAGTGCCTT CTCGCTGCCGCGCGCCCAAGCTCGGCGGACGGCAGTGCCCGAGATTGCGCTTTTACAAGT CCACCTCTCAGAGAAGAAATAATGGCAAATAACTTTTCTTGGAGAGTCATAACATATCA GTGACTGAACATTCTAGTATGCCAGTAGAAAAAATATCACTTTAGAAAGGCCTTCTAAT GTAAATCTCACATGCCAGTTCACAACATCTGGGATTTGAATGCAGTAAATGTGACTTGG AAAAAAGATGGTGAACAACCTTGAGAATAATTATCTTGTCAGTGCAACAGGAAGCACCTTG TATACCCAATACAGGTTACCATCATTAATAGCAAACAAATGGGAAGTTATTCTTGTTTC TTTCGAGAGGAAAAGGAACAAAGGGGAACATTTAATTTCAAAGTCCCTGAACTTCATGGG AAAAACAAGCCATTGATCTCTTACGTAGGGGATTCTACTGTCTTGACATGTAAATGTCAA AATTGTTTTCTTTAAATTGGACCTGGTACAGTAGTAATGGGAGTGTAAGGTTCTCTGT GGTGTTAAATGAATAAATATGTGATCAATGGAACATATGNCTACGAAACANAGCTGAAGA TAACACAAACTTTGGAGGAAGATGGGAATCTTACTGGTGCCGTGCACTAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_198449
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:	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_198449.1, NP_940851.1</u>
RefSeq Size:	1846 bp
RefSeq ORF:	984 bp
Locus ID:	133418
UniProt ID:	<u>Q6PCB8</u>
Cytogenetics:	5q11.1
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a transmembrane glycoprotein that is a member of the immunoglobulin superfamily. The encoded protein may be involved in cell growth and development by mediating interactions between the cell and extracellular matrix. A pseudogene of this gene is found on chromosome 1. [provided by RefSeq, Jan 2009]