

Product datasheet for **SC108664**

Endoglycan (PODXL2) (NM_015720) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Endoglycan (PODXL2) (NM_015720) Human Untagged Clone
Tag:	Tag Free
Symbol:	Endoglycan
Synonyms:	EG; PODLX2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_015720, the custom clone sequence may differ by one or more nucleotides

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ATGGGCCGGCTGCTGCGGGCCGCCGGCTGCCCGCTGCTTTCGCCGCTGCTGCTTCTGCTGGTTGGG
GAGCGTTCCTGGGTGCCTGTGTGGTGGTCTGATGAGCCTGGCCAGAGGGCCTCACCTCCACCTCCCT
GCTAGACCTCCTGCTGCCACTGGCTTGGAGCCACTGGACTCAGAGGAGCCTAGTGAGACCATGGGCCTG
GGAGCTGGGCTGGGAGCCCTGGCTCAGGCTTCCCAGCGAAGAGAATGAAGAGTCTCGATTCTGCAGC
CACCACAGTACTTCTGGGAAGAGGAGGAAGAGCTGAATGACTCAAGTCTGGACCTGGGACCCACTGCAGA
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AAGAAGAGGAAGAGGAAGAGGAGGAGAGGGAGAAGGAAGAGGTAGAGAAACAAGAGGAGGAGGAAGAGGA
GGAGCTGCTCCCTGTGAATGGATCCCAAGAAGAAGCCAAGCCTCAGGTCCGTGACTTTTCTCTACCAGC
AGCAGCCAGACCCAGGGGCCACCAAAAGCAGGCATGAAGACTCCGGGGACCAGGCTCATCAGGTGTGG
AGGTGGAGAGCAGCATGGGGCCAGCTTGTGCTGCCTTTCAGTACCCCCAACTACAGTACTCCGGGGGA
CCAGGACTCCACCAGCCAAGAGGCGAGAGCCACAGTGCTGCCAGCTGCAGGGCTTGGGGTAGAGTTCGAG
GCTCCTCAGGAAGCAAGCGAGGAAGCCACTGCAGGAGCAGCTGGTTTGTCTGGCCAGCACAGGAGGTGC
CGGCTTGCCTTCAATCCCTCAAACCACAGCTCCCACTGGGGCCGAGCACCCAGATGAAGATCCCCTTGG
CTCTAGAACCTCAGCCTTTCCTCCACTGGCCCTGGAGACATGGAAGTGCACCTTCTCTGCTACCTTG
GGACAAGAAGATCTAACCCAGCAGCTCTAGAAGGGCAGGCAGCTGAAGTCAATCCAGGATACCCCTGGG
ATTCTACGCAGGTGATCTGCAAGGACTGGAGCAATCTGGCTGGAAAAACTACATCATTCTGAACATGAC
AGAGAACATAGACTGTGAGGTGTTCCGGCAGCACCGGGGCCACAGCTCCTGGCCCTGGTGAAGAGGTG
CTGCCCCGCCATGGCAGTGGCCACCATGGGGCCTGGCACATCTCTGAGCAAGCCAGGAGAGGAGGAGC
AGCAGCTTCTCATGACACTGGTGGGCGAGCAGGGGTGGTGCCTCAAGATGTCTTTCCATGCTGGG
TGACATCCGCAGGAGCCTGGAGGAGATTGGCATCCAGAATTTCCACAACCAGCAGCTGCCAGGCGCGG
GCCAGCCAGGTGCGCAGCGACTACGGCAGCCTTCTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG
TCATCATTGCGCTTGGCCTGCTCTACAAGTGGTGGCAGCGCCGGCTGCCAAGCTCAAGCAGGTGTCGCA
CGGCGAGGAGCTGCGCTTCTGTGGAGAACGGTGGCAGCACAACCCACGCTGGACGTGGCCAGCGACAGC
CAGTCGGAGATGCAGGAGAAGCACCCAGCCTGAACGGCGGGGGGCCCTCAACGGCCGGGGAGCTGGG
GGGCGCTCATGGGGGCAAGCGGACCCCGAGGACTCGGACGTGTTGAGGAGGACACGCACCTGTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015720 unedited

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CAGATTTTGTAAACGACTCACTATTAGGGCGGCCGATTTCGGCACGAGGGCGGGCCCC
GGCGCCGCGCCGCTGCGGCTGCAGGCGGGCAGCGCTACACCATGGGCCGGCTGCTGCGGG
CCGCCCCGCTGCCGCCGCTGCTTTCGCCGCTGCTGCTTCTGCTGGTTGGGGGAGCGTTC
TGGGTGCCTGTGTGGCTGGTCTGATGAGCCTGGCCAGAGGGCCTCACCTCCACCTCCC
TGCTAGACCTCCTGCTGCCACTGGCTTGGAGCCACTGGACTCAGAGGAGCCTAGTGAGA
CCATGGGCTGGGAGCTGGGCTGGGAGCCCTGGCTCAGGCTTCCCAGCGAAGAGAATG
AAGAGTCTCGGATTCTGCAGCCACCACGTAATCTGGGAAGAGGAGGAAGAGCTGAATG
ACTCAAGTCTGGACCTGGGACCCACTGCAGATTATGTTTTCTGACTTAACTGAGAAGG
CAGGTTCCATTGAAGACTAGCCAGGCTCAAGAGCTGCCAACTCCCCTCTCCCTTGC
CCAAGATGAATCTGGTTGAGCCTCCCTGGCATAATGCCTCCCAGAGAGGAGGAAGAAGAGG
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AGGAGCTGCTCCCTGTGAATGGATCCCAAGAAGAAGCCAAGCCTCANGTCCGTGACTTTT
CTCTACCAGCAGCAGCCAGACCCAGGGCCACCAAAAGCANGCATGAAGACTCCGGGGA
CCAGGCCTCATCANGTGTGGAGGTGGAGAGCAGCATGGGGCCAGCTTGTGCTGCCTTC
AGTCACCCCACTACAGTACTCCGGNGGACCANGACTNCAACCACCAGAGCANAGCCACA
NTGCTGCCACTGCAGGCTTGGGGTAGATTGAGGCTCTCAGAAGCAGCGAGAACCCTGCN
GAGCACTGTTTTGCTGCCCCNAGA
    
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RefSeq Size: 2269 bp

RefSeq ORF: 1818 bp

Locus ID: 50512

UniProt ID: [Q9NZ53](#)

Cytogenetics: 3q21.3

Protein Families: Transmembrane

Gene Summary: This gene is a member of the CD34 family of cell surface transmembrane proteins, which are characterized by an N-terminal extracellular mucin domain, globular and stalk domains, a single pass transmembrane region, and a charged cytoplasmic tail. The encoded protein is a ligand for vascular selectins. [provided by RefSeq, Oct 2012]