

Product datasheet for SC123161

PHEMX (TSPAN32) (NM_139022) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHEMX (TSPAN32) (NM_139022) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHEMX
Synonyms:	ART1; PHEMX; PHMX; TSSC6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_139022 edited GGGGAGGGCGATGTTGACAGACAGACAGAGGGGCGGATGCAGCCTACCTCCTGGGCAGTG AGCTGCGGTCTGAGGCCCTGCCAGCTGAAAACACAGGGAGGGGAAGGGAGGGGAGGA GAGGAGAGGAGAGGAACCGTCATGGGGCCTTGGAGTCGAGTCAGGGTTGCCAAATGCCAG ATGCTGGTCACCTGCTTCTTTATCTTGCTGCTGGGCCTCTCTGTGGCCACCATGGTGACT CTTACCTACTTCGGGGCCCACTTTGCTGTATCCGCCGAGCGTCCCTGGAGAAGAACCCG TACCAGGCTGTGCACCAATGGGCCTTCTCTGCGGGGTTGAGCCTGGTGGGCCTCCTGACT CTGGGAGCCGTGCTGAGCGCTGCAGCCACCGTGAGGGAGGCCAGGGCCTCATGGCAGGG GGCTTCTGTGCTTCTCCCTGGCGTTCTGTGCACAGGTGCAGGTGGTGTCTGGAGACTC CACAGCCCCACCCAGGTGGAGGACGCCATGCTGGACACCTACGACCTGGTATATGAGCAG GCGATGAAAGGTACGTCCACGTCCGGCGCAGGAGCTGGCGGCCATCCAGGACGTGTTT CTGTGCTGTGGGAAGAAGTCTCCTTTAGCCGTCTGGGGAGCACAGAGGCTGACCTGTGT CAGGGAGAGGAGGCGGGAGAGAGGACTGCCTTACGGGCATCCGGAGCTTCTGAGGACA CACCAGCAGGTCGCTCCAGCCTGACCAGCATCGGCCTGGCCCTCACGCTTGGACCGCAA GGGCAAAATACACCCTGACCCACGAGCATGTGGCCGCCAGCCCCAGGAGCCCAGCCTCTT GAGATGCTCCCAGGGTGGACCCACACATTGTCTCCACTCCGAAGCAGTTGCTATTGGTCC AAGAGGATGCTCGGGTAGTCTTCGGTGGCTGCAGGAGAGCGATGCTGCGCCTCTGCCCT CTCCTGCCACCTGGCTGCCACAGACTCTCCAGGGCAGAAGTCGCGGTGGGCTCAGTGG GTGCCCTGAGCGGGTCTCTCAGACTGACGTGAGGCCTTGGTGGGCTGCACTCTCACCTG GAGGCTCCGGGAAGCATCTGCCTCCAGGACCATTGAGGCTGTTGACAAGTCAACTCCTC ATGGCTGTAGGACTGAGGTTCCCAAGTCCTTGTCCCTGGTCTGTGGTCCCTCCACCTTC AAACCAGCAATGGTGCATTGAGCAAATTGGTCAAATATACATCACATCAAATGTAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_139022 unedited AAAAAGTTAGGATTTGTATACGACTTATATAGGCGGCACGCGAATTCGCCATTACGGCCG GGGAGGGCGATGTTGACAGACAGACAGAGGGCGGATGCAGCCTACCTCCTGGCAGTGAG CTGCGGCTCTGAGGCCCTGCCAGTCTGGAAACCACAGGGAGGGGAAGGGAGGGGAGGAG AGGAGAGGAGAGGAACCGTCATGGGGCCTTGGAGTCGAGTCAGGGTTGCCAAATGCCAGA TGCTGGTCACTGCTTCTTTATCTTGCTGCTGGGCCTCTCTGTGGCCACCATGGTGACTC TTACCTACTTCGGGGCCCACTTTGCTGTCATCCGCCGAGCGTCCCTGGAGAAGAACCCTG ACCAGGCTGTGCACCAATGGGCCTTCTCTGCGGGTTGAGCCTGGTGGGCCTCCTGACTC TGGGAGCCGTGCTGAGCGCTGCAGCCACCGTGAGGGAGGCCAGGGCCTCATGGCAGGGG GCTTCTGTGCTTCTCCCTGGCCTTCTGTGCACAGGTGCAGGTGGTGTCTGGAGACTCC ACAGCCCCACCCAGGTGGAGGACGCCATGCTGGACACCTACGACCTGGTATATGAGCAGG CGATGAAAGGTACGTCCCACGTCCGGCGGCAGGAGCTGGCGGCCATCCANGACGTGTTTC TGTGCTGTGGGAAGAAGTCTCTTTCCAGCCGTCTGGGGAGCACAGAGGCTGACCTGTGTC AGGGAGAGGATGCGGCGAGAGAAGACTGCCTNTCAGGCATCCGGAGCTTCTGAGGACCA CCAGCAGGTGCGCTCCAGCCTGACCAGCATCGGCCTGGCCCTCACGCTTGGGACCGCAGG GGCAAATACACCCTGACCCACGAGCATGTGGCCCGCCAGCCCA
Restriction Sites:	Please inquire
ACCN:	NM_139022
Insert Size:	1286 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_139022.2 , NP_620591.3
RefSeq Size:	1376 bp
RefSeq ORF:	963 bp
Locus ID:	10077
UniProt ID:	Q96QS1
Cytogenetics:	11p15.5
Protein Families:	Transmembrane

Gene Summary:

This gene, which is a member of the tetraspanin superfamily, is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of chromosome 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian and breast cancers. This gene is located among several imprinted genes; however, this gene, as well as the tumor-suppressing subchromosomal transferable fragment 4, escapes imprinting. This gene may play a role in malignancies and diseases that involve this region, and it is also involved in hematopoietic cell function. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]