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Product datasheet for SC329629

PIGO (NM_001201484) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PIGO (NM_001201484) Human Untagged Clone
Tag:	Tag Free
Symbol:	PIGO
Synonyms:	HPMRS2
Vector:	pCMV6-Entry (PS100001)

View online »

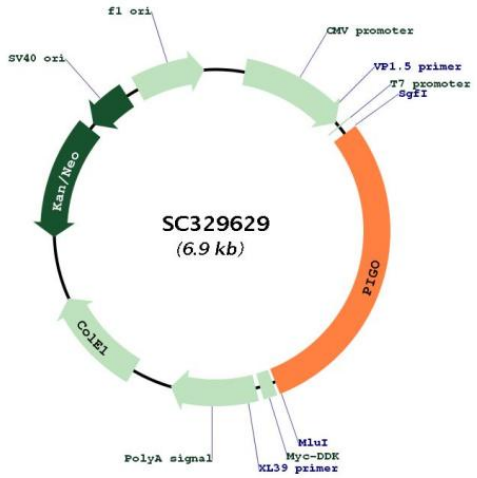
Fully Sequenced ORF:

>SC329629 representing NM_001201484.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCAGAAAGCCTCAGTGTTGCTCTTCCTGGCCTGGGTCTGCTTCCTCTTCTACGCTGGCATTGCCCTC
TTCACCAGTGGCTTCCTGCTCACCCGTTTGGAGCTCACCAACCATAGCAGCTGCCAAGAGCCCCCAGGC
CCTGGGTCCCTGCCATGGGGGAGCCAAGGGAAACCTGGGGCCTGCTGGATGGCTTCCCGATTTTCGCGG
GTTGTGTTGGTGCTGATAGATGCTCTGCGATTTGACTTCGCCCAGCCCCAGCATTCACACGTGCCTAGA
GAGCCTCCTGTCTCCCTACCCTTCCTGGGCAAACTAAGCTCCTTGCAGAGGATCCTGGAGATTCAGCCC
CACCATGCCCGGCTCTACCGATCTCAGGTTGACCCTCCTACCACCACCATGCAGCGCCTCAAGGCCCTC
ACCACTGGCTCACTGCCTACCTTTATTGATGCTGGTAGTAACTTCGCCAGCCACGCCATAGTGGAAGAC
AATCTCATTAAGCAGCTCACCAGTGCAGGAAGGCGTGTAGTCTTCATGGGAGATGATACCTGGAAAGAC
CTTTTCCCTGGTGCTTTCTCCAAAGCTTTCTTCTTCCCATCCTTCAATGTCAGAGACCTAGACACAGTG
GACAATGGCATCCTGGAACACCTCTACCCCACCATGGACAGTGGTGAATGGGACGTGCTGATTGCTCAC
TTCCTGGGTGTGGACCACTGTGGCCACAAGCATGGCCCTCACCACCCTGAAATGGCCAAGAAACTTAGC
CAGATGGACCAGGTGATCCAGGGACTTGTGGAGCGTCTGGAGAATGACACACTGCTGGTAGTGGCTGGG
GACCATGGGATGACCACAAATGGAGACCATGGAGGGGACAGTGAGCTGGAGGTCTCAGCTGCTCTCTTT
CTGTATAGCCCCACAGCAGTCTTCCCCAGCACCCCACCAGAGGAGCCAGAGGTGATTCCTCAAGTTAGC
CTTGTGCCCACGCTGGCCCTGCTGCTGGGCCTGCCCATCCCATTTGGGAATATCGGGGAAGTGATGGCT
GAGCTATTCTCAGGGGGTGAGGACTCCCAGCCCCACTCCTCTGCTTTAGCCCAAGCCTCAGCTCTCCAT
CTCAATGCTCAGCAGGTGTCCCGATTTCTTCATACCTACTCAGCTGCTACTCAGGACCTTCAAGCTAAG
GAGCTTCATCAGCTGCAGAACCTCTTCTCCAAGGCCTCTGCTGACTACCAGTGGCTTCTCCAGAGCCCC
AAGGGGGCTGAGGCGACACTGCCGACTGTGATTGCTGAGCTGCAGCAGTTCCTGCGGGGAGCTCGGGCC
ATGTGCATCGAGTCTTGGGCTCGTTTCTCTCTGAGCTTCCTTCTCCTACATCTGCTTGCTGCTGGGATA
CCCGTCACCACCCCTGGTCCTTTTACTGTGCCATGGCAGGCAGTCTCGGCTTGGGCCCTCATGGCCACA
CAGACCTTCTACTCCACAGGCCACCAGCCTGTCTTTCCAGCCATCCATTGGCATGCAGCCTTCGTGGGA
TTCCCAGAGGGTCATGGCTCCTGTACTTGGCTGCCTGCTTTGCTAGTGGGAGCCAACACCTTTGCCTCC
CACCTCCTCTTTGCAGTAGGTTGCCCACTGCTCCTGCTCTGGCCTTTCCTGTGTGAGAGTCAAGGGCTG
CGGAAGAGACAGCAGCCCCCAGGGAATGAAGCTGATGCCAGAGTCAGACCCGAGGAGGAAGAGGAGCCA
CTGATGGAGATGCGGCTCCGGGATGCGCCTCAGCACTTCTATGCAGCACTGCTGCAGCTGGGCCTCAAG
TACCTCTTTATCCTTGGTATTCAGATTCTGGCCTGTGCCTTGGCAGCCTCCATCCTTCGCAGGCATCTC
ATGGTCTGGAAAGTGTTTGCCCCTAAGTTCATATTTGAGGCTGTGGGCTTCATTGTGAGCAGCGTGGGA
CTTCTCCTGGGCATAGCTTTGGTGATGAGAGTGGATGGTGCTGTGAGCTCCTGGTTCAGGCAGCTATTT
CTGGCCCAGCAGAGGTAG

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN:	NM_001201484
Insert Size:	2019 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:	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_001201484.1
RefSeq Size:	2934 bp
RefSeq ORF:	2019 bp
Locus ID:	84720
UniProt ID:	Q8TEQ8
Cytogenetics:	9p13.3
Protein Families:	Transmembrane
Protein Pathways:	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways

MW:	74 kDa
Gene Summary:	This gene encodes a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid which contains three mannose molecules in its core backbone. The GPI-anchor is found on many blood cells and serves to anchor proteins to the cell surface. This protein is involved in the transfer of ethanolaminephosphate (EtNP) to the third mannose in GPI. At least three alternatively spliced transcripts encoding two distinct isoforms have been found for this gene. [provided by RefSeq, Jan 2011] Transcript Variant: This variant (3) differs in the 5' UTR and coding region compared to variant 1. The resulting isoform (2) has the same N- and C-termini but lacks an internal segment compared to isoform 1. Variants 2 and 3 both encode the same isoform (2).