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Product datasheet for SC207139

Glycophorin C (GYPC) (NM_002101) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: Glycophorin C (GYPC) (NM_002101) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: GYPC

Synonyms: CD236; CD236R; GE; GE:GPC:GPD:GYPD; GPC; GPD; GYPD; PAS-2; PAS-2'

ACCN: NM_002101

Insert Size: 555 bp

Insert Sequence:

>SC207139 3'UTR clone of NM_002101
The sequence shown below is from the reference sequence of NM_002101. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATAGCAGCAGAAAGGAGTACTTTATTTGAGGGACAACAGACTTCACTTCCCTGAATGCCTCCCCCATC
TCCATCAGGAAAAATACACCCCATCGCCCAGCACCCCTGCTGATACCACCAGACAGAGAGAGAGAGCAC
TTGATTCTTCCCGAGATAGCCACCTGGAAACACTAGGTGCCTGCCCAGGGAGGAACGGAGGAGGACTCG
CGCTACAAGAGGCCACTCCCAGGGACCCAGGGAGGCGATGGCCACCCCAGAGGCCACCTTTTGCTCCAC
GGAGGTGGGAGAAAATCTGGGCACATGGGGCCCCCTGGGCAGTGCAGGACAACATCAGCTCACTGGCAG
GAAAGTCCTTGTTGAGGGTGAGGGGGTGCTGGGGTACCCGGGGGCTGGGGAAGCAAGGAAATAAGTCAT
CTGTATGCTGACTGGGGATAATGGCATCAAATGTCAGTCCTTGACATTTGGGGGGAACAGCAGGTGCCA
GAGCTAAAAGGTACCTTTGTCTGCCATTGATCCAGCTCAGAACGATTGGAAATAAATTTGAAATGTAAC
CGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq: NM_002101.5

Summary: Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion of exon 3 and 2, respectively. The Webb and Duch antigens, also known as glycophorin D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has very little homology with glycophorins A and B. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]

Locus ID: 2995

MW: 20.4