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Product datasheet for SC210579

GGCX (NM_000821) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GGCX (NM_000821) Human 3' UTR Clone
Symbol:	GGCX
Synonyms:	VKCFD1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000821
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC210579 3'UTR clone of NM_000821
The sequence shown below is from the reference sequence of NM_000821. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATCCTGATCCTGTCCACTCAGAGTTCTGAAGGGGGCCAGATGTTGGGTGCAGATGTAGAAGCAGCCAG
TCACAGACCCATTCTATGCAATGGACATTTATTTGAAAAAAATTCTCAAAAGTTTTTTTTTTTTTTTTG
GGGGGGCGGGGTTCTAAAGCTGTTTTTAACTCCGAGATTACAACTTAGAGGAACCAAGGAAATAAAGCA
AATAAGATTTAACAACCCAAGATTAAGAGGCCAGGAAGAGGTTAGACGCAATGTGAAACTGTCCTCCTA
GGATAAGGTTTAAAGTGGCTTTTTGGGGGCTGGGTGCCGTGGCTCACGCCTGTAATCCCAGCATTTTGG
GAGGCTGAGGTGGGCAGATCACTTGAGGCCAGGAGTTCGAGACCAGCCTGGCCAACATGGCAAAACCCC
TTCTCTACTAAAAATACAAAAATTAGCCAGACGTGGTGGTGGGTGCCTGTAATCCAACTACCCAGGAGG
CTGAGGCATGAGAATCGCTTGGGCCCAGGAGGTGGAGGTTGCAGTGAGCCGAGATCGAGCCACTGCACT
CCTGGGCAACAGAGCAAGACTTCGTCTCAAAATAAATAAATAAAGTGGCTCTTGGGGAAAAGCAATTTA
ATGTACCACGATGAATAGCTAACTGTTCCCAAGTGTTTGCTATGTGCAACACACCGCGTGAGCAGTGTT
ACCTGCATTATTACATTAGGCTGAGAGGTAAAATAATTTGCCCGAAGACATACAGCTAGTGACGAATGG
ACTGATGGTTTGAACTTAACGTCTATTTGACTTAAGGTCCTGCACCCTGCCACTTGTAATTTTCAGAAT
CACTGATAATCTGAAATAATGCAGCTTAAAACATGTTTTCTTAATTAAAAGTATAATTGGATGGTGGTC
AGGTTGTAAATGCACACAAAGTAATTTATCTTCATTGCAATTTTGGTTCCTTCTTTGTTCCTATTATCT
ATATACACCCAGTGTTTCACTAGCAGTTATGAGAGCAGTCAGAATAGCAGCATCAAAGTTAAATAAGGA
AATCTAGATGATTGCTAGATTTTCTCTAAAAATAAGCTTAGTATTTGGTATTATTCTAGCCTTTGGTGA
GCAGAAGGGGAGGTAAAGTAAGAATTAACTAAATTTAGTAAGGGATTAGGGAATGCTTAGACATTTTGT
AGGTTGGGGTATACAAGGGTAACTCAGGAAGCTCCTCAGTTCAGTGAAAATTCAAAGGGTTGGCACTGA
GCTAGGAAGCGAGAATGCAGGGTTATGAAAAAGGATCCCTGCTTTGGGAGCTCATGGACTTGTAGCAGA
GACCGGTAGTAAATTGGCAGTCTCAGTAACTTCTGTAAATGATTGCATCTCTTTGCAGGCTTCTCTTCC
CATACTCTCCCCCACTCCTCCTTGGACAGTGTTCCGGGGGTTCTTTCCTAAGCAACTGCTTTTTCAGTA
TACATACTTCAGATGATTGTGTCTACTCCAGGATTTCCAACGATGCTAGGTTTCTTTCCTGTGCCCTAG
ACGTATAGGTCTAAGTTCCACCTGGATATCCCACAGGGCTATCAAGCTCAGTTCATCCTAAACAGAACT
TACATTCATCCCCAACTCAGACTTCCTTATTCTTTATTATTGAATGGCAGCTCTGTACCTTAGCCAAGC
TGTTATCTCTAGGTCATCAGCCTTGACTCTTCCTTTTTCCTTGCATTTCTTAAAATTGCCAAGTCCCAT
CAATTTTACCTCCTGGATACCTCTTGAATCTATTTTTTTTTAAAGACAGGGTTTCACTCTATCACCCAG
GCTGGAGTTCAGTGGCACAATCTTGGCTTACTGCAGCCACCACCTCCTGGGTTTAAACGATTCTTCCAC
TTCAGCCTCCCATGTAGCTGGGACTACAGGTGCCCACCACCACGCCCAACTAATTTTTGTATTTTTAGT
AGAGACATGGTTTCCCACATTGGCCAGGCTGGTCTCAAACTCATGACCTTAAGTATCCACCTGCCTTG
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.

RefSeq: NM_000821.7

Summary: This gene encodes an integral membrane protein of the rough endoplasmic reticulum that carboxylates glutamate residues of vitamin K-dependent proteins to gamma carboxyl glutamate, a modification that is required for their activity. The vitamin K-dependent protein substrates have a propeptide that binds the enzyme, with carbon dioxide, dioxide, and reduced vitamin K acting as co-substrates. Vitamin K-dependent proteins affect a number of physiologic processes including blood coagulation, prevention of vascular calcification, and inflammation. Allelic variants of this gene have been associated with pseudoxanthoma elasticum-like disorder with associated multiple coagulation factor deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]

Locus ID: 2677

MW: 75.8