ADAM21 cDNA Clone – ADAM Metallopeptidase Domain 21 (Human)

PRODUCT OVERVIEW

Product Name	ADAM21, cDNA Clone
Full Product Name	ADAM21 cDNA Clone
Product Gene Name	ADAM21 cdna clone
Sequence	ATGGCAGTGG ATGGGACCCT CGTGTACATC AGGGTCACTC TTCTGCTGCT CTGGCTTGGG GTATTTTTGT CTATTTCCGG CTACTGTCAG GCTGGGCCCT CCCAGCATTT CACTTCCCCG GAAGTGGTGA TCCCCTTGAA GGTGATCAGC AGGGGCAGAA GTGCAAAGGC TCCTGGATGG CTCTCCTATA GTCTGCGGTT TGGGGGCCAG AAACACGTTG TTCATATGAG GGTCAAGAAG CTCTTAGTTT CTAGACACCT CCCAGTGTTC ACCTACACAG ATGAGCGTGC ACTCCTGGAG GATCAGCTCT TCATCCCAGA TGACTGTTAC TATCATGGTT ACGTGGAGGG TGCCCCTGAG TCTCTGGTTG TGTTCAGTGC TTGTTTTGGG GGCTTTCGAG GAGTATTAAA AATAAGTGGC CTCACTTATG AAATTGAACC CATCAGGCAC TCTGCCACAT TTGAACACCT GGTTTACAAA GTAAACAGTA ATGAGACACA ATTCCCAGCT ATGAGATGTG GCTTAACAGA GAAGGAAGTA GCACGCCAAC AGTTGGAATT TGAAGAGGCT GAGAACTCAG CTCTGGAACC AAAATCTGCT GGTGACTGGT GGACTCATGC ATGGTTTCTG GAGCTAGTTG TTGTGGTGAA CCATGATTTC TTCATTTACT CTCAAAGCAA CATCTCAAAG GTGCAAGAGG ATGTATTTCT TGTTGTCAAC ATAGTGGATT CCATGTATCA GCAGTTAGGT ACTTACATAA TTTTGATTGG AATTGAAATT TGGAATCAAG GAAATGTTTT CCCAATGACA AGCATAGAAC AGGTCCTGAA CGATTTCTCT CAATGGAAAC AAATCAGTCT TTCCCAGCTA CAGCATGATG CTGCACATAT GTTCATAAAA AATTCACTTA TAAGTATACT TGGCCTAGCC TATGTTGCAG GAATATGTCG TCCACCTATT GATTGTGGAG TTGATAATTT TCAAGGAGAT ACCTGGTCTC TTTTTGCCAA CACTGTGGCC CATGAGTTAG GTCATACGTT GGGTATGCAG CATGATGAAG AATTCTGTTT TTGTGGGGAA AGAGGTTGCA TCATGAATAC TTTTAGAGTG CCAGCAGAGA AATTCACCAA TTGCAGTTAC GCTGATTTTA TGAAGACCAC CTTAAACCAG GGATCATGTC TGCATAATCC TCCAAGATTG GGGGAAATCT TTATGCTAAA GCGCTGTGGG AATGGTGTGG TTGAAAGAGA AGAGCAGTGT GACTGTGGAT CCGTACAGCA GTGTGAACAA GACGCCTGTT GTCTGTTGAA CTGCACTCTA AGGCCTGGGG CTGCCTGTGC TTTTGGGCTT TGTTGCAAAG ACTGCAAGTT CATGCCATCA GGGGAACTCT GTAGACAAGA GGTCAATGAA TGTGACCTTC CAGAATGGTG CAATGGAACA TCTCATCAGT GTCCAGAAGA TAGATATGTG CAGGACGGGA TCCCCTGTAG TGACAGTGCC TACTGCTATC AAAAGAGGTG TAATAACCAT GACCAGCATT GCAGGGAGAT TTTTGGTAAA GATGCAAAAA GTGCATCTCA GAATTGCTAT AAAGAAATCA ACTCTCAGGG AAACCGTTTT GGTCACTGTG GTATAAATGG CACAACATAC CTAAAATGTC ATATCTCTGA TGTCTTTTGT GGGAGAGTTC AATGTGAGAA TGTGAGAGAC ATTCCTCTTC TCCAAGATCA TTTTACTTTG CAGCACACTC ATATCAATGG TGTCACCTGC TGGGGTATTG ACTATCATTT AAGGATGAAC ATATCTGACA TTGGTGAAGT GAAAGATGGT ACTGTGTGTG GCCCAGGAAA GATCTGCATC CATAAGAAGT GTGTCAGTCT GTCTGTCTTG TCACATGTCT GCCTTCCTGA GACCTGCAAT ATGAAGGGGA TCTGCAATAA CAAACATCAC TGCCACTGTG GCTATGGGTG GTCCCCACCC TACTGCCAGC ACAGAGGCTA TGGGGGCAGT ATTGACAGTG GCCCAGCATC TGCAAAGAGA GGAGTTTTTT TGCCGCTGAT TGTGATTCCT TCTTTGTCTG TTTTGACTTT CCTGTTTACT GTCGGGCTTC TTATGTATCT ACGACAATGT TCTGGTCCCA AAGAAACTAA GGCTCATTCA TCAGGTTAA
Molecular Weight	80,834 Da
OMIM	603713
Vector	Please Inquire
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ADAM21 cdna clone	MBS1276641 is a cDNA clone targeting ADAM21.
Other Notes	Small volumes of ADAM21 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ADAM21. It may not necessarily be applicable to this product.

NCBI GI #	80478043
NCBI GeneID	8747
NCBI Accession #	BC109024
UniProt Secondary Accession #	O43507; Q2VPC6; Q32MR0
UniProt Related Accession #	Q9UKJ8
NCBI Official Full Name	Homo sapiens ADAM metallopeptidase domain 21, mRNA
NCBI Official Synonym Full Names	ADAM metallopeptidase domain 21
NCBI Official Symbol	ADAM21
NCBI Official Synonym Symbols	ADAM31; ADAM 21
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 21
Protein Family	Disintegrin and metalloproteinase domain-containing protein
UniProt Gene Name	ADAM21
UniProt Synonym Gene Names	ADAM 21
UniProt Entry Name	ADA21_HUMAN
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 21
NCBI Summary for ADAM21	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The expression of this gene expression is testis-specific. [provided by RefSeq, May 2011]
UniProt Comments for ADAM21	ADAM21: May be involved in sperm maturation and/or fertilization. May also be involved in epithelia functions associated with establishing and maintaining gradients of ions or nutrients. Protein type: Motility/polarity/chemotaxis; Membrane protein, integral; EC 3.4.24.-; Protease Chromosomal Location of Human Ortholog: 14q24.1 Cellular Component: plasma membrane Molecular Function: metallopeptidase activity Biological Process: binding of sperm to zona pellucida; single fertilization
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