

Product datasheet for **RG228390**

CD39 (ENTPD1) (NM_001164179) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CD39 (ENTPD1) (NM_001164179) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CD39
Synonyms:	ATPDase; CD39; NTPDase-1; SPG64
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG228390 representing NM_001164179
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGATACAAAGGAGTCTAACGTGAAGACATTTTGCTCCAAGAATATCCTAGCCATCCTTGGCTTCT
 CCTCTATCATAGCTGTGATAGCTTTGCTTGTGCTGTGGGTTGACCCAGAACAAGCATTGCCAGAAAACGT
 TAAGTATGGGATTGTGCTGGATGCGGGTCTTCTCACACAAGTTTATACATCTATAAGTGGCCAGCAGAA
 AAGGAGAATGACACAGGCGTGGTGCATCAAGTAGAAGAATGCAGGGTTAAAGGCTCTGGAATCTCAAAAT
 TTGTTCCAGAAAAGTAAATGAAATAGGCATTTACCTGACTGATTGCATGAAAAGAGCTAGGGAAAGTATTCC
 AAGGTCCCAGCACCAAGAGACACCCGTTTACCTGGGAGCCACGGCAGGCATGCGGTTGCTCAGGATGGAA
 AGTGAAGAGTTGGCAGACAGGGTCTGGATGTGGTGGAGAGGAGCCTCAGCAACTACCCCTTGACTTCC
 AGGGTCCAGGATCATTACTGGCCAAGAGGAAGGTGCCTATGGCTGGATTACTATCAACTATCTGCTGGG
 CAAATTCAGTCAGAAAACAAGGTGGTTCAGCATAGTCCCATATGAAACCAATAATCAGGAAACCTTTGGA
 GCTTTGGACCTTGGGGGAGCCTCTACACAAGTCACTTTTGTACCCAAAACCAGACTATCGAGTCCCCAG
 ATAATGCTCTGCAATTCGCCTCTATGGCAAGGACTACAATGTCTACACACATAGCTTCTTGTGCTATGG
 GAAGGATCAGGCACTCTGGCAGAAAAGTGGCAAGGACATTCAGCAGTTTAAAATCCAGGGTATTGAAAAC
 TATCAACAATGCCATCAAAGCATCTCGGAGCTCTCAACACCAGTTACTGCCCTTACTCCAGTGTGCCCT
 TCAATGGGATTTCTTGGCACCCTCCAGGGGATTTGGGGCATTTCAGCTTTTTACTTTGTGATGAA
 GTTTTTAACTTGACATCAGAGAAAGTCTCTCAGGAAAAGGTGACTGAGATGATGAAAAGTTCTGTGCT
 CAGCCTTGGGAGGAGATAAAAACATCTTACGCTGGAGTAAAGGAGAAGTACCTGAGTGAATACTGCTTTT
 CTGGTACCTACATTCTCCCTCCTTCTGCAAGGCTATCATTTCACAGCTGATTCTGGGAGCACATCCA
 TTTCATTGGCAAGATCCAGGGCAGCAGCCGGCTGGACTTTGGGCTACATGCTGAACCTGACCAACATG
 ATCCCAGCTGAGCAACCATTGTCCACACCTCTCTCCCACTCCACCTATGTCTTCTCATGTTCTATTCT
 CCCTGGTCTTTTACAGTGGCCATCATAGGCTTGCTTATCTTTACAAGCCTTCATATTCTGGAAGA
 TATGGTA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG228390 representing NM_001164179
 Red=Cloning site Green=Tags(s)

MEDTKESNVKTFCSKNILAILGFSSIIAVIALLAVGLTQNKALPENVKYIVLDAGSSHTSLYIYKWPAE
 KENDTGVVHVQVEECRVKGPISKFVQKVNEIGIYLTDCMERAREVIPRSQHQETPVYLGATAGMRLRME
 SEELADRVLDVVERSLSNYPDFQGARIITGQEEGAYGWITINYLLGKFSQKTRWF SIVPYETNNQETFG
 ALDLGGASTQVTFVPQNQTIESPDNALQFRLYGKDYNVYTHSFLCYGKDQALWQKLAKDIQQFEIQGIGN
 YQQCHQSILELFNTSYCPYSQCAFNGIFLPPQLQDFGAFSAFYFVMKFLNLTSEKVSQEKVTEMMKKFCA
 QPWEEIKTSYAGVKEKYLSEYCFSGTYILSLLLQGYHFTADSWEHIHF IGKIQGS DAGWTLGYMLNLTNM
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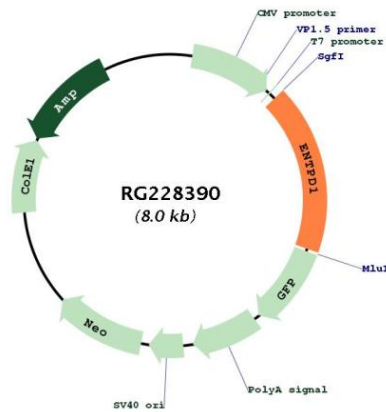
TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

RefSeq: [NM_001164179.2](#)
RefSeq Size: 12617 bp
RefSeq ORF: 1410 bp
Locus ID: 953
Cytogenetics: 10q24.1
Protein Families: Transmembrane
Protein Pathways: Purine metabolism, Pyrimidine metabolism
Gene Summary: The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]

Product images:



Circular map for RG228390