

## Product datasheet for **RG203487**

### ENTPD6 (NM\_001247) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ENTPD6 (NM_001247) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ENTPD6
Synonyms:	CD39L2; dj738P15.3; IL-6SAG; IL6ST2; NTPDase-6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG203487 representing NM\_001247  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAAAAAGGTATCCGTTATGAAACTCCAGAAAAACGAGCTACATTTTTCAGCCGCAGCACGGTCTT  
 GGCAAACAAGGATGAGAAAAATATCCAACCACGGGAGCCTGCGGGTGGCGAAGGTGGCATACCCCTGGG  
 GCTGTGTGTGGCGTGTTCATCTATGTTGCCTACATCAAGTGGCACCGGGCCACCGCCACCCAGGCCTT  
 TTCAGCATCACCAGGGCAGCCCCGGGGGCCGGTGGGGTCCAGAGGCCACAGCCCCCTGGGACAGCTG  
 CAGACGGGCACGAGGTCTTCTACGGATCATGTTTGTGAGGAAAGCACTGGCACCCGAGTACACGTCTT  
 CCAGTTACCCGGCCCCCAGAGAACTCCACGTTAACCACGAAACCTTCAAAGCACTGAAGCCAGGT  
 CTTTCTGCCTATGCTGATGATGTTGAAAAGAGCGCTCAGGAATCCGGAACTACTGGATGTTGCTAAAC  
 AGGACATTCGGTTCGACTTCTGGAAGGCCACCCCTCTGGTCTCAAGGCCACAGCTGGCTTACGCCTGT  
 ACCTGGAGAAAAGGCCAGAAGTTACTGCAGAAGGTGAAAGAAGTATTTAAAGCATCGCCTTTCTTGTGA  
 GGGGATGACTGTGTTCCATCATGAACGGAACAGATGAAGGCGTTTCGGCGTGGATCACCATCAACTTCC  
 TGACAGGCAGCTTAAAACTCCAGGAGGGAGCAGCGTGGGCATGCTGGACTTGGGCGGAGGATCCACTCA  
 GATCGCCTTCTGCCACGCGTGGAGGGCACCTGCAGGCCTCCCCACCGGCTACCTGACGGCACTGCGG  
 ATGTTTAAACAGGACCTACAAGCTCTATTCTTACAGCTACCTCGGGCTCGGGCTGATGTCGGCACGCCTG  
 CGATCTGGGCGGCGTGGAGGGGCAGCCTGCTAAGGATGGAAAGGAGTTGGTCAGCCCTTGTCTGTCTCC  
 CAGTTTCAAAGGAGAGTGGGAACACGCAGAAGTACGTACAGGGTTTCAGGGCAGAAAGCAGCGGCAAGC  
 CTGCACGAGCTGTGTGCTGCCAGAGTGTGAGAGTCCCTTCAAACAGAGTGCACAGGACGGAGGAAGTGA  
 AGCATGTGGACTTCTATGCTTTCTCTACTATTACGACCTTGCAGCTGGTGTGGGCTCATAGATCGCGA  
 GAAGGGAGGCAGCCTGGTGGTGGGGACTTCGAGATCGCAGCCAAGTACGTGTGTGTCGGACCTGGAGACA  
 CAGCCGACAGAGCAGCCCTTCTCATGCATGGACCTCACCTACGTACGCTGCTACTCCAGGAGTTCGGCT  
 TTCCAGGAGCAAAGTGTGAAGCTCACTCGGAAAATTGACAATGTTGAGACCAGCTGGGCTCTGGGGG  
 CATTTTTCATTACATCGACTCCCTGAACAGACAGAAGAGTCCAGCCTCA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG203487 representing NM\_001247  
 Red=Cloning site Green=Tags(s)

MKKGIRYETSRKTSYIFQPQHGPWQTRMRKISNHGSLRVAKVAYPLGLCVGVFIYVAYIKWHRATATQAF  
 FSITRAAPGARWQQAHSPGLGTAADGHEVFYGMFDAGSTGTRVHVVFQTRPPRETPTLTHETFKALKPG  
 LSAYADDVEKSAQGIRELLDVAKQDIPDFWKATPLVLKATAGLRLLPGEKAQKLLQKVKEVFKASPFV  
 GDDCVSIMGTDGVSAWITINFLTGSLKTPGGSSVGMMLDLGGGSTQIAFLPRVEGTLQASPPGYLTALR  
 MFNRITYKLYSYLGLGLMSARLAILGGVEGQPAKDGKELVSPCLSPSFKGEWEHAEVTVYRVSQKAAAS  
 LHELCAARVSEVLQNRVHRTEEVKHVDFYAFSYYDLAAGVGLIDAEKGGSLVVGDFEIAAKYVCRLET  
 QPQSSPFSCMDLTYVSLLLQEFGFPRSKVLKLRKIDNVETSWALGAIHFHYIDSLNRQKSPAS

SGP**TRRRLE** - GFP Tag - V

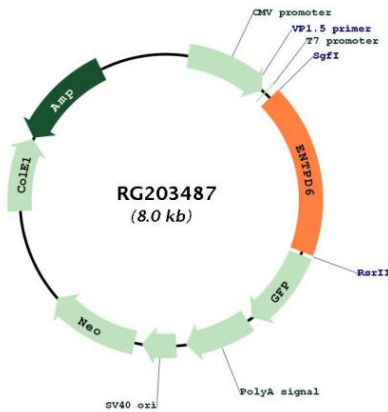
**Restriction Sites:**

Sgfl-RsrII



<b>Cytogenetics:</b>	20p11.21
<b>Domains:</b>	GDA1_CD39
<b>Protein Families:</b>	Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Purine metabolism, Pyrimidine metabolism
<b>Gene Summary:</b>	ENTPD6 is similar to E-type nucleotidases (NTPases). NTPases, such as CD39, mediate catabolism of extracellular nucleotides. ENTPD6 contains 4 apyrase-conserved regions which are characteristic of NTPases. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

**Product images:**



Circular map for RG203487