

Product datasheet for **SC126879**

ENTPD6 (NM_001247) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ENTPD6 (NM_001247) Human Untagged Clone
Tag:	Tag Free
Symbol:	ENTPD6
Synonyms:	CD39L2; dj738P15.3; IL-6SAG; IL6ST2; NTPDase-6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001247, the custom clone sequence may differ by one or more nucleotides

```
ATGAAAAAAGGTATCCGTTATGAAACTCCAGAAAAACGAGCTACATTTTCAGCAGCCGACGACGGTC
CTTGCAAACAAGGATGAGAAAAATATCCAACCACGGGAGCCTGCGGGTGGCGAAGGTGGCATACCCCT
GGGGCTGTGTGGGCGTGTTCATCTATGTTGCCTACATCAAGTGGCACCAGGGCCACCGCCACCCAGGCC
TTCTTCAGCATCACCAGGGCAGCCCCGGGGCCCGGTGGGGTGCAGAGGCCACAGCCCCCTGGGGACAG
CTGCAGACGGGCACGAGGTCTTCTACGGGATCATGTTTGCAGGAAGCACTGGCACCCGAGTACACGT
CTTCCAGTTCACCCGGCCCCCAGAGAACTCCCAGTTAACCCACGAAACCTTCAAAGCACTGAAGCCA
GGTCTTTCTGCCTATGCTGATGATGTTGAAAAGAGCGCTCAGGGAATCCGGGAAGTAAAGCACTGCCTTTCCTT
AACAGGACATTCGTTCCGACTTCTGGAAGGCCACCCCTCTGGTCTCAAGGCCACAGCTGGCTTACGCTT
GTTACCTGGAGAAAAGGCCAGAAAGTACTGCAGAAAGTAAAAGAAATTTAAAGCATCGCCTTTCCTT
GTAGGGGATGACTGTGTTTCCATCATGAACGGAACAGATGAAGGCGTTCGGCGTGGATCACCATCAACT
TCCTGACAGGCAGCTTGAAGTCCAGGAGGGAGCAGCGTGGGCATGCTGGACTTGGGCGGAGGATCCAC
TCAGATCGCCTTCTGCCACGCTGGAGGGCACCTGCAGGCCTCCCCACCCGGCTACCTGACGGCACTG
CGGATGTTAACAGGACCTACAAGCTCTATTCTACAGTACCTCGGGCTCGGGCTGATGTCGGCACGCC
TCCCAGTTTCAAAGGAGAGTGGGAACACGAGAAGTACGTACAGGGTTTCAGGGCAGAAAGCAGCGGCA
AGCCTGCACGAGCTGTGTGCTGCCAGAGTGTGAGAGTCTTCAAACAGAGTGCACAGGACGGAGGAAG
TGAAGCATGTGGACTTCTATGCTTCTCTACTATTACGACCTTGCAGCTGGTGTGGGCCTCATAGATGC
GGAGAAGGGAGGCAGCCTGGTGGTGGGGGACTTCGAGATCGCAGCCAAGTACGTGTGTCGGACCCTGGAG
ACACAGCCGACAGCAGCCCCCTTCTCATGCATGGACCTCACCTACGTGAGCCTGCTACTCCAGGAGTTTCG
GCTTTCCAGGAGCAAAGTGTGAAGCTCACTCGGAAAATTGACAATGTTGAGACCAGCTGGGCTCTGGG
GGCCATTTTTTATTACATCGACTCCCTGAACAGACAGAAGAGTCCAGCCTCATAG
```



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001247 unedited TATAGGGCGGCCGGAATTTCGGCACGAGGGCCACGTGCATGGGGCGGAGCCCAGGCCCTA GGGAATCGTGGGGTCGTATCCCAGGGTGGAGGCCGGGTGGCGCCGGCCGGGCGGGG AGCCAAAAGACCGGCTGCCGCCTGCTCCCGGAAAAGGGCACTCGTCTCCGTGGGTGTG GCGGAGCGCGGTGCATGCAGCCGACGACGGTCCTTGGCAAACAAGGATGAGAAAAAT ATCCAACCACGGGAGCCTGCGGGTGGCGAAGGTGGCATAACCCCTGGGGTGTGTGTGG CGTGTTCATCTATGTTGCCTACATCAAGTGGCACCGGGCCACCCACCCAGGCCCTTCT CAGCATCACAGGCAGCCCCGGGGCCCGGTGGGGTCAGCAGGCCACAGCCCCCTGGG GACAGCTGCAGACGGGCACGANGTCTTCTACGGGATCATGTTTGTATGCAGGAAGCACTGG CACCCGAGTACACGTCTTCCAGTTCACCCGGCCCCCAGAGAACTCCCACGTTAACCCA CGANACCTTCAAAGCACTGAAGNCCAGTCTTTCTGCCTATGCTGATGATGTTGAAAAGAG CGCTCANGGAATCCGNAACTACTGGNATGTGCTAACAGGACATTCATTCGACTCTGGAA GCCACCNTCTGTCTCAAGGCACAGCTGGCTACGCCTGTACCTGAGAAAAGGCCANAA GTACTGCAGAAGGTGAAGAAGTATTAAGCATCGNCTTTCCTTGTAGGGATGACTGTTGN TNCATCATGAACNGACAGATGAAAGCGTTTTNCGCGTGGATCACATCACTTNCTGACAGG CAGCTGAAACTNAGAGNANNCACGTNGCATGCTGACTTGGCCGGAGATCACTAAATCG CTCTGGACGGCGGGAGGCACCTGGAGCCTCCACCGGTAAGGTTGGGGAGTTACAGAC TAAGCTTATCTACGTCTNGCTGNGTGTATCGCCCTGGACTTGGGGGGGGGGGACCCT AGTGAAAAGAATGACCCCTTCT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001247 unedited ATTGGGGTGAACACATGAGTCACTCGTCCGGGCACTGTCACTCACTGAAGCAGCTCAA GGGGCTCAGCCCCGACACTGACGCCACACTGAGCAGGATGCACGGCCCGGGGCTCACACT GTCCATGGAGGAGTGGGGTCAGCCGAGGTGGCGGATGGTGGCCCGAGACCCGAGAG CTTGGTCTGGGACTGTGGCTCAGCTGACCCGTGGCACAGCTGCACCTAAGACATGGCCC TGGCTAGGCGGGAACGGCTCACAGTAGCGATACATTACAGGACACAGTTGGTGTCCAGA AAAGGGGGCTCAGAACACAGTTTCTACACAAGCACTTGGCACCCACACGACAGAGACGTC ACTCAAGCAGCACAGCCACAAATAGTTTACAGCAGCTCATGCCCGGCATCCGCCCATGCT GGGAGACTCCCTGAAAGGTGGGCACCTGCCGTCTATGAGGAGGTGTCCCTCCATCATT AACCCAAACCACACAATGTGTGAGGAGAGCAGGCCTCTGGGTGAACTCACACATTCATA CCCAAGGAAGAGGCANACACACTCAAGTCCAGAGTTTCCAGTGGTGGCCCGCCAGCTACT TGTCCCGNGGTGTTATGTTGTTCTCCTCGTTTTCCAGACCACCCAGGACAGCCTGTCCC GCCTTCCATACTCTTGCAAGAAGGCGACCTCCTCCCTTGCAGCTCACTGCGCGGCTGG TTAACACAACCTCCTTCCAAGGGACATGTTTCATCATNATTCACGGCCCCCTGCCGGGTC TGTGGATTGGGCACGCCGGATCTCCACTCCCCCTTACGCGGCCTCGGTGTTCTTCTCTG CTCCTCCATTTGGACCAGTTCGCCGGTGTGACTCGCACAGTTCCCAACCCCTCCT TCCATTCGCCGACAAGGCTTCCACTGTTCTCCCTTCTTCTTTTCTCCCAACCCCT GTATACCCCTTCTCCCCGCCGTTTCTATGTCTACTTCTTCTCCCTGTCCCTACCC CAATTACATCTTTGCTTGACAGTTGTCTCCCACTTCCCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_001247
Insert Size:	3000 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001247.1](#), [NP_001238.1](#)

RefSeq Size: 2762 bp

RefSeq ORF: 1455 bp

Locus ID: 955

UniProt ID: [O75354](#)

Cytogenetics: 20p11.21

Domains: GDA1_CD39

Protein Families: Secreted Protein, Transmembrane

Protein Pathways: Purine metabolism, Pyrimidine metabolism

Gene Summary: 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]
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.