

Product datasheet for SC336200

ENTPD3 (NM_001291961) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ENTPD3 (NM_001291961) Human Untagged Clone
Tag:	Tag Free
Symbol:	ENTPD3
Synonyms:	CD39L3; HB6; NTPDase-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336200 representing NM_001291961. Blue=Insert sequence Red=Cloning site Green=Tag(s)

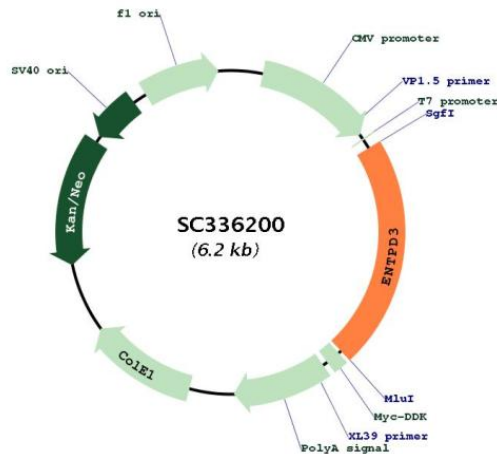
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001291961

Insert Size: 1359 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_001291961.1](#)

RefSeq Size: 1730 bp

RefSeq ORF: 1359 bp

Locus ID: 956

UniProt ID: [O75355](#)

Cytogenetics: 3p22.1

Protein Families: Transmembrane

Protein Pathways: Purine metabolism, Pyrimidine metabolism

MW: 50.8 kDa

Gene Summary: This gene encodes a plasma membrane-bound divalent cation-dependent E-type nucleotidase. The encoded protein is involved in the regulation of extracellular levels of ATP by hydrolysis of it and other nucleotides. Multiple transcript variants have been described. [provided by RefSeq, May 2014]
Transcript Variant: This variant (3) differs in the 5' UTR and includes a different terminal 3' exon compared to variant 1. The resulting protein (isoform 2) is shorter and has a distinct C-terminus compared to 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.