

Product datasheet for **SC311389**

ENTPD8 (NM_001033113) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ENTPD8 (NM_001033113) Human Untagged Clone
Tag:	Tag Free
Symbol:	ENTPD8
Synonyms:	E-NTPDase; GLSR2492; NTPDase-8; UNQ2492
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001033113 edited
 CCGACACAGAAGCGTCTAAGCACAGCTTCTCCTTGCCGCTCCGGGAAGTGGGCAGCCAG
 CCCAGGAACCACTACCACCTGCACCATGGGGCTGTCCCGAAGGAGCAGGTCTTCTTGGC
 CCTGCTGGGGGCTCGGGGGTCTCAGGCCTCACGGCACTATTCTCCTCTGGTGGAGGC
 CACCAGCGTGTCTGCCCACAGACATCAAGTTTGGGATCGTGTTGATGCGGGCTCCTC
 CCACACGTCCCTTCTGTATCAGTGGCCGGCAACAAGGAGAATGGCACGGGTGATG
 CAGCCAGGCCCTGGCCTGCCAGGTGGAAGGGCCGGAATCTCCTCTACACTTCTAATGC
 TGCACAGGCTGGTGAGAGCCTGCAGGGCTGCTTGGAGGAGGCGCTGGTGCTGATCCCAGA
 GGCCAGCATCGGAAAACACCCAGTTCCTGGGGCCACGGCTGGCATGAGGTTGCTCAG
 CCGAAGAACAGCTCTCAGGCCAGGGACATCTTTCAGCAGTACCCAGGTCTGGGCCG
 GTCTCCCGTGGACTTTTGGGGTCCGAGCTCCTGGCCGGGAGGCCGAAGGTGCCTTTGG
 TTGGATCACTGTCAACTACGGCTTGGGGACGCTGGTCAAGTACTCTTCACTGGAGAATG
 GATCCAGCCTCCGAGGAGATGCTGGTGGTGCCTGGACATGGGAGGGGCTCCACCCA
 GATCACGTTCTGCTGGGGGCCCATCTTGGACAAGAGCACCCAGGCCGATTTTCGCT
 CTACGGCTCCGACTACAGCGTCTACACTCACAGTACCTGTGCTTGGACGGGACCAGAT
 GCTGAGCAGGCTCCTCGTGGGGCTGGTGACAGCCGCCGGCTGCCCTGCTCCGTCACCC
 GTGCTACCTCAGCGGCTACCAGACCACACTGGCCCTGGGCCCGCTGTATGAGTACCCCTG
 TGTCCAGCCACGCCCGCTGAGCCTCCCCAGAACCTCACAGTTGAAGGGACAGGCAA
 CCCTGGAGCCTGCGTCTCAGCCATCCGGAACTTTTCACTTCTCCAGCTGCCAGGGCCA
 GGAGGACTGCGCCTTTGACGGGGTCTACCAGCCCCGCTGCGGGGCCAGTTCTATGCCTT
 CTCCAACTTCTACTACACCTTCCACTTCTGAACCTCACCTCCAGGCAGCCCCGAGCAC
 GGTCACGCCACCATCTGGGAGTTTTCAGAGGCCCTGGAACTGGTGGAGGCCAGCTA
 CCCTGGGCAGGACCGCTGGCTGCGGGACTACTGTGCCTCAGGCCTGTACATCCTCACCT
 CCTGACGAGGGCTACGGGTTTCAGCGAGGAGACCTGGCCAGCCTCGAGTTCCGAAAGCA
 GCGGGGCGGTGTGGACATTGGCTGGACACTGGGCTACATGCTGAACCTGACCGGGATGAT
 CCCGGCCGATGCGCCGGCTCAGTGGCGGCAGAGACTACGGCGTCTGGGTGGCCAAAGT
 GGTGTTTATGGTCTGGCCCTGGTGGCGGTGGTGGGGGCTGCCTTGGTCCAGCTTCTG
 GTTGCAGGACTAGTGGGAAGGCGGAGGTGGGCCCCACAGAGCCACAGGCAGCTGCGTC
 CCGGATGCTGGAGGCTTCTGAGCCCTGAGCGCCGTGGGGCTTGTCTGTGGGTCTGCC
 CACGGTCAAGTGACAGCCACCTCCAGGGCACCGTCAAGGTGGTGTGGCCACAGAGGCTG
 CATGACCTCCCTCCCGGCTCCCTCCCCAACCTCCTTCGCAACTGGGCTTCCAGRGC
 CGTAGGTGCCCTTCTGCACACAGGCCGCCAGGACTCGTGGTGTCTCCAGGCTGTGTGACT
 GCAGGGCCACATGCTGCCTGCAAACAGGGCAAGACCACGGAGGCACAGGGGTCTGCTCC
 TGATGGGGCTCAGGAGGGGCGGAGAGGGGTGGAAGGGAGGGAGCTGCCACCTGGACC
 CCCGCTCTCCCTGCTGTTGTCTGAGCAGATGGATGGAGTCCAGGCCTGGGGGCTTCTGCT
 GGGCCAGCCCGGCTCCACACCCACTTGGAGGGTGGAGTGCAGTGGGGGTTGTTTTTA
 TAAAAAGCATCATGGACACAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001033113

Insert Size: 2200 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<ol style="list-style-type: none">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:	<u>NM_001033113.1, NP_001028285.1</u>
RefSeq Size:	2222 bp
RefSeq ORF:	1488 bp
Locus ID:	377841
UniProt ID:	<u>Q5MY95</u>
Cytogenetics:	9q34.3
Protein Families:	Transmembrane
Protein Pathways:	Purine metabolism, Pyrimidine metabolism
Gene Summary:	<p>Canalicular ectonucleoside NTPDase responsible for the main hepatic NTPDase activity. Ectonucleoside NTPDases catalyze the hydrolysis of gamma- and beta-phosphate residues of nucleotides, playing a central role in concentration of extracellular nucleotides. Has activity toward ATP, ADP, UTP and UDP, but not toward AMP.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform.</p>