

Product datasheet for **MG208488**

Entpd3 (NM_178676) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Entpd3 (NM_178676) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Entpd3
Synonyms:	Cd39l3; HB6; NTPDase-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208488 representing NM_178676
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTACCGTATGACCCGCCAGCCATGTGAACAGGCAGGCTTCAGGGCCCTCTCGAGGACTCCTGCCA
 TGGTACCTTGGTGGTCTGCTTGTGAGCATTGGTACTTGTGACACTTACACTCATCCAGATCCGCCA
 CCCACAGTTCTCCCTCCGGGGTGAAGTATGGCGTCGTGCTCGATGCTGGCTCTCCAGAACCAGTGT
 TACGTGTATCAGTGGCCGGCAGAGAAGGAGAATAACACAGGAGTGGTCAGCCAACTTTAGATGCAGTG
 TGAAAGGCTCTGGGATCTCCAGCTATGAGAATAACCCCAAGATGCCCAAGCCTTTGAGGACTGTAT
 ACTAAAGGTCAAGGAACAGGTCCAGAGCACCTCCACGGATCCACCCGATTTACCTGGGAGCTACAGCT
 GGGATGCGCTTGTGAGTTGCAGAATGAGACAGCAGCTCGTGAAGTCTTGAGAGCATCCAAAGCTACT
 TCAAGTCCAGCCTTTGATTTAGGGGTGCTCAAATCATTTCTGGCAAGAGGAAGGGGTGATGGATG
 GATTACAGCCAACTATATAATGGGAAATTTCTGGAGAAGAACCCTGGCACATGTGGTGCACCCGCAC
 GGAGTCGACACCACAGGAGCCCTGGATTTAGGTGGCGCCTCCACCCAGATATCCTTCGTGGCCGGGAGA
 AGATGGAGCCGAACGCCAGCGACACGGTGCAGGTGCTCTGTACGGCTACACGTACACTCTCTACACACA
 CAGCTTCCAGTGTATGGCCAGAATGAAGCAGAGAAGAAGTTCCTGGCCATGCTTCTACAGAGCCCTTCC
 ACGGAAGCCAACATCAGCAACCCTGCTACCCTCAGGGCTACAGTACCGCCTTACCTTGGGCCATGTGT
 TTGGCAGCCTGTGCACAGAGAAGCAGAGGCCAGAGAGTACAACCTCCAGTAAGAGCGTCACCTTCATGGG
 AACTGGTGACCCACGACTGTGCAGGAGAAGGTGGCTTCTGTGTTGACTTCAATGCTTGCCAAGAGCAA
 GACGCCTGTTCCCTTGTGTCATTTACCAGCCCAAGGTTCAAGGGCCATTTGTGGCGTTCGACAGGCTTCT
 ACTACACAGCCAGTGCCTAAACCTCTCAGGAAGCTTCTCCCTTACCTCCTTCAATGACAGCAGCAGGGA
 CTCTGACAGACACTTGGAGCGAGCTCCAGCCCTGCTCTCCAGATTTGATGAGACGTATGCCCGGTCC
 TACTGCTTCTCAGCCACTACATCTACCACTTGTCTCGTAATGGATACAAGTTCAGTGGAGAGCTTGGC
 CTCAGATACGCTTTGAAAAAGAAGTGGGGAACAGCAGCATCGCCTGGTCCCTTGGCTACATGCTCAGCTT
 GACCAACCAGATCCAGCTGGAAGTCCCCTGATCCATCTACCCATACAGCCACCGGTGTTTATGGGAGTC
 CTGGCCTTCTTACAGCTATCGCCTTGTGTGCTGGCATTCTTCTGTATCTATGTTTCATTCATTACAGGA
 CAAAGGAGCGCTCTGAGAATGCCTTCGACCAAGCAGTGGATTCTGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208488 representing NM_178676
 Red=Cloning site Green=Tags(s)

MFTVMTRQPCEQAGFRALSRTPAIVTLVLLVSIIVLVLTLLIQRHPQVLPPLKYGTVLVDAGSSRTTV
 YVYQWPAEKENNTGVVSQTFRCVSKGSGISSYENNPQDAPKAFEDCILKVKVKEQVPEHLHGSTRILGATA
 GMRLRLQNETAAREVLESIQSYFKSQPFDFRGAQIISGQEEGVYGWITANYIMGNFLEKNLWHMWVHPH
 GVDTTGALDLGGASTQISFVAGEKMEPNASDTVQVSLYGYTYTLYTHSFQCYQNEAEKFLAMLLQSPS
 TEANISNPCYPQGYSTAFTLGHVFGSLCTEKQRPESYNSSKSVTFMGTGDPRLCREKVASVDFNACQEQ
 DACSFQDIYQPKVQPFVAFAGFYTASALNLSGSFSLTSFNDSSWDFCRHTWSELPAALLSRFDETYARS
 YCFSAHYIYHLLVNGYKFTEETWPQIRFEKEVGNSSIAWSLGYMLSLTNQIPAGSPLIHLPIQPPVFMGV
 LAFFTAIALLCLAFLLYLCSFRTKERSENAFDQAVDSD

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_178676
ORF Size:	3464 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_178676.5
RefSeq Size:	3420 bp
RefSeq ORF:	1590 bp
Locus ID:	215446
Cytogenetics:	9 F4