

Product datasheet for **MC215887**

Enpp6 (NM_177304) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Enpp6 (NM_177304) Mouse Untagged Clone
Tag: Tag Free
Symbol: Enpp6
Synonyms: 4833421B01Rik; B830047L21Rik; D8Ertd514; D8Ertd514e; E-NPP 6; GPC-Cpde; N; Npp6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215887 representing NM_177304
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCAGCAAAGCTCTGGACCTTCTGCTGGGCTTTGGGCTCAGCTGGGTGTGGCCGGCTTCTGCCACC
GGAAGCTCCTGGTGTGCTCCTGGATGGTTTTTCGCTCAGACTACATCAGTGAGGATGCTCTAGCATCCTT
GCCTGGCTTCAGAGAGATTGTGAACAGAGGCGTCAAAGTGGATTACTTGACTCCAGACTTTCCAGCCTC
TCCTATCCCAATTACTACACCCTCATGACTGGCCGCCACTGTGAGGTCCACCAGATGATCGGCAACTACA
TGTGGGATCCCAGAACCAACAAGTCATTTGACATCGGGGTCAACCGAGACAGCCTGATGCCCTGTGGTG
GAACGGGTGAGAACCCTGTGGATCACTCTGATGAAAGCCAGGAGGAAAGTCTACATGTATTACTGGCC
GGCTGTGAAGTTGAGATTCTTGGTGTGACACCACTTACTGCCTAGAATATAAACTGTCCCAACAGATA
TCAACTTTCGAATGCAGTTAGCGATGCTCTCGACTCATTAAAGAGTGGCCGAGCGGATCTAGCAGCCAT
ATACCATGAGCGCATCGATGTAGAAGGTCACCACTACGGCCCTTCATCACCTCAGAGAAAAGATGCCCTC
AGAGCTGTGGACACTGTCTGAAGTATATGATCCAGTGGATTGAGGACCGAGGCTGCAGCAGGACCTAA
ACGTCATCCTCTTCTCAGACCATGGGATGACTGACATCTTGGATGGATAAAGTATTGAGCTGAGCAA
CTACATCAGCCTGGACGACTGCAGCAAGTGAAGACCGAGGGCCGTTGTGAGCCTGTGGCCAGTTCTC
GGAAAACACTCTGAGATATATCACAAAACCCGCACAGTGAACACATGACCGTGTATGAGAAAGAATCAA
TACCCAACAGTTCTATTACAAGAAAGGAAAATTTGTCTCTCCTTTGACCCTGGTGGCTGATGAAGGATG
GTTTCATAGCAGAGAGTCGAGAGATGCTTCCATTTTGGATGAACAGCACGGCAAGCGTGAAGGCTGGCAG
CGAGGATGGCACGGATATGACAACGAACATGAGGACATGAGAGGCATCTTCTGGCCATCGGACCTGATT
TCAAGTCCAACCTCAGAGCTGCTCCAATCAGATCCGTGGATGTCTACAACATCATGTGCCACGTCGAGG
CATCACCCCACTGCCAACAACGGGTCTGGTCCAGGGTGGTATGCATGCTGAAGGGCCAGACCAGCTCT
GCTCCACCACCCCACTGAACAGCTGTGACTGGTCTTGATTCTCTCTTATACTTTGTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_177304
Insert Size:	1323 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:	<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_177304.3</u> , <u>NP_796278.1</u>
RefSeq Size:	3065 bp
RefSeq ORF:	1323 bp
Locus ID:	320981
UniProt ID:	<u>Q8BGN3</u>
Cytogenetics:	8 26.48 cM
Gene Summary:	This gene encodes a member of the nucleotide pyrophosphatase/phosphodiesterase family of enzymes that play an important role in regulating extracellular nucleotide metabolism. The encoded preproprotein undergoes proteolytic processing to generate a glycosylphosphatidylinositol (GPI)-anchored membrane protein that hydrolyzes choline-containing lysophospholipids such as glycerophosphocholine. Mice lacking the encoded protein develop fatty liver and myelin sheath abnormalities. [provided by RefSeq, Jul 2016]