

Recombinant Human ENPP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ENPP3-2068H Lot. No. (See product label)

SPECIFICATION

Product Overview	ENPP3 MS Standard C13 and N15-labeled recombinant protein (NP_005012) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.
Molecular Mass	99.9 kDa
AA Sequence	MESTLTLATEQPVKKNTLKKYKIACIVLLALLVIMSLGLGLGLRLEKQGSCRKKCF DASFRGLENCRCDVACKDRGDCCWDFEDTCVESTRIWMCNKFRCGETRLEASLCS CSDDCLQRKDCCADYKSVQGETSWLEENCDAQQSQCEGFDLPPVILFSDMGF RAEYLYTWDTLKPNINKLKTGCIHSKYMAMYPTKTFPNHYTIVTGLYPESHGIIDNN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MYDVNLNKNFSLSSKEQNNPAWWHGQPMWLTAMYQGLKAATYFWPGSEVAINGS
 FPSIYMPYNGSVPFEERISTLLKWLDLPKAERPRFYTMFYFEEDSSGHAGGPVSARV
 IKALQVVDHAFGMLMEGLKQRNLHNCVNIILLADHGMDQTYCNKMEYMTDYFPRINF
 FYMYEGPAPRIRAHNIPHDFFSFNSEEIVRNLSCRKPDQHFKPYLTPDLPKRLHYAK
 NVRIDKVHLFVDQQWLAVRSKSNSTNCGGGNHGYNNEFRSMEAIFLAHGSPFKEKTE
 VEPFENIEVYNLMCDLLRIQPAPNNGTHGSLNHLLKVPFYEP SHAEVSKFSVCGFA
 NPLPTESLDCFCPHLQNSTQLEQVNQMLNLTQEEITATVKVNLPFGRPRVLQKNVD
 HCLLYHREYVSGFGKAMRMPMWSSYTPQLGDTSPLPPTVPDCLRADVRVPPSES
 QKCSFYLADKNITHGFLYPPASNRTSDSQYDALITSNLVPMYEEFRKMWDYFHSVLL
 IKHATERNGVNVVSGPIFDYNYDGHFDAPDEITKHLANTDVIPIPTHYFVVLTSCKNKS
 HTPENCPGWLDVLPFIIPHRPTNVEESCPEGKPEALWVEERFTAHIARVRDVELLTGL
 DFYQDKVQPVSEILQLKTYLPTFETTITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ENPP3 ectonucleotide pyrophosphatase/phosphodiesterase 3 [Homo sapiens (human)]
Official Symbol	ENPP3

Synonyms

ENPP3; ectonucleotide pyrophosphatase/phosphodiesterase 3; PDNP3; ectonucleotide pyrophosphatase/phosphodiesterase family member 3; B10; CD203c; gp130RB13 6; PD IBETA; E-NPP 3; gp130RB13-6; phosphodiesterase I beta; phosphodiesterase-I beta; phosphodiesterase I/nucleotide pyrophosphatase 3; dJ914N13.3 (phosphodiesterase I/nucleotide pyrophosphatase 3); dJ1005H11.3 (phosphodiesterase I/nucleotide pyrophosphatase 3); NPP3; PD-IBETA;

Gene ID

5169

mRNA Refseq

NM_005021

Protein Refseq

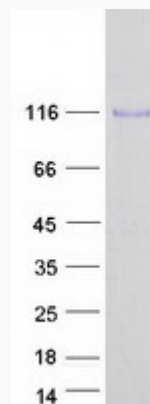
NP_005012


MIM

602182

UniProt ID

O14638

SDS-PAGE


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