

32-9632: Recombinant Human ENPP-2/LysoPLD (C-6His)

Alternative Name : ATX; ATXFLJ26803; ATX-X; Autotaxin; autotaxin-t; EC 3.1.4.39; ectonucleotide pyrophosphatase/phosphodiesterase 2; E-NPP 2; ENPP2; LysoPLD; NPP2; PD-IALPHA; PDNP2; PDNP2NPP2

Description

Source : Human Cells;

ENPP-2, also known as Autotaxin, belongs to the ectonucleotide pyrophosphatase/phosphodiesterase (NPP) family. Some NPPs hydrolyze phosphates from nucleotides and their derivatives. ENPP-2 shares 40 - 50% identity to ENPP1 & 3, all of which contain a N-terminal intracellular domain, a single transmembrane domain and a large extracellular domain that includes a catalytic domain, two somatomedin-B-like domains, and a C-terminal nuclease-like domain. Evidence shows LPA and sphingosine 1-phosphate to be specific inhibitors of ENPP-2. ENPP-2 was originally found to stimulate tumor cell motility and has since been found to enhance tumor invasion and metastasis and to be up-regulated in several types of carcinomas including breast and lung.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mMPB, 150mMNaCl, pH7.4.

Amino Acid : Recombinant Human Ectonucleotide Pyrophosphatase/Phosphodiesterase Family Member 2 is produced by our Mammalian expression system and the target gene encoding Ala36-Ile863 is expressed with a 6His tag at the C-terminus.