

Active Recombinant Human ENPP3 protein, His-tagged, Low Endotoxin

Cat. No. ENPP3-1017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENPP3 protein(O14638)(Leu48-Ile875), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	48-875 aa
Form	Lyophilized from 0.22 µm filtered solution in 50mM Tris, 150mM NaCl (pH 8.0). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ENPP-3, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-ENPP-3 Antibody, hFc Tag with the EC50 of 27.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 96.15 kDa. Due to glycosylation, the protein migrates to 130-160 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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

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

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name ENPP3 ectonucleotide pyrophosphatase/phosphodiesterase 3 [Homo sapiens]

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

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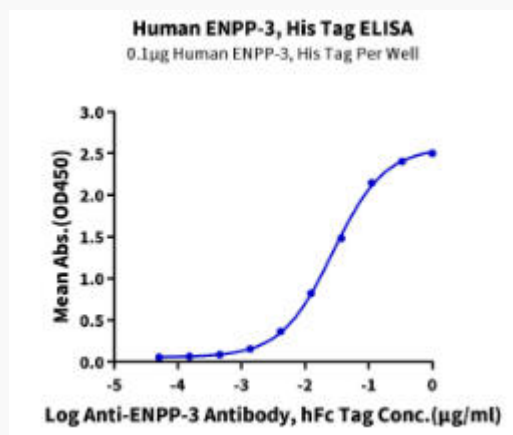
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Bis-Tris PAGE



ELISA Data



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