



# Recombinant Human Ectonucleotide pyrophosphatase/phosphodiesterase family member 3 (ENPP3), partial (Active)

<b>Product Code</b>	CSB-MP007681HUb0
<b>Abbreviation</b>	Recombinant Human ENPP3 protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O14638
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human ENPP3 at 2 µg/mL can bind Anti-ENPP3 recombinant antibody (CSB-RA007681MA1HU), the EC50 is 0.5355-1.248 ng/mL.
<b>Purity</b>	≥ 95% as determined by SDS-PAGE.
<b>Sequence</b>	LEKQGSCRKKCFDASFRGLENCRCDVACKDRGDCCWDFEDTCVESTRIWMC NKFRCGETRLEASLCSCSDDCLQRKDCCADYKSVCCQGETSWLEENCDAQQ SQCPEGFDLPPVILFSMDGFRAEYLYTWDTLMPNINKLKTGCIHSKYMRAMYP TKTFPNHYTIVTGLYPESHGIIDNNMYDVNLNKNFSLSSKEQNNPAWWHGQP MWLTAMYQGLKAATYFWPGSEVAINGSFPSIYMPYNGSVPFEEERISTLLKWLD LPKAERPRFYTMFEEDSSGHAGGPVSARVIKALQVVDHAFGMLMEGLKQR NLHNCVNIILLADHGMDQTYCNKMEYMTDYFPRINFFYMYEGPAPRIRAHNIPH DFFSFNSEEIVRNLSCRKPDQHFKPYLTPDLPKRLHYAKNVRIDKVHFLVDQQ WLAVRSKSNTNCGGGNHGYNNEFRSMEAIFLAHGSPFKEKTEVEPFENIEVY NLMCDLLRIQPAPNNGTHGSLNHLLKVPFYEPSHAEVSKFVSCGFANPLPTE SLDCFCPHLQNSTQLEQVNQMLNLTQEEITATVKVNLFPGRPRVLQKNVDHCL LYHREYVSGFGKAMRMPMWSSYVTPQLGDTSPLPPTVPDCLRADVRVPPSE SQKCSFYLADKNITHGLYPPASNRTSDSQYDALITSNLVPMYEEFRKMWDYF HSVLLIKHATERNGVNVVSGPIFDYNYDGHFDAPDEITKHLANTDVIPIPTHYFVV LTSCKNKSHTPENCPGWLDVLPFIIPHRPTNVESCEPGEKPEALWVEERFTAHA RVRDVELLTGLDFYQDKVQPVSEILQLKTYLPTFETTI
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ENPP3
<b>Expression Region</b>	48-875aa



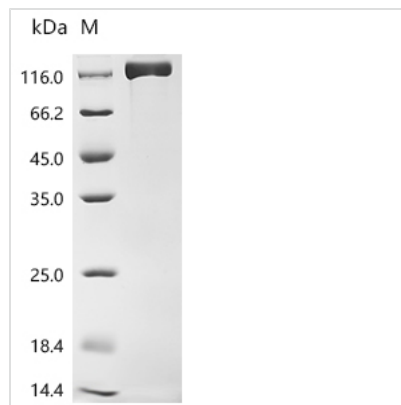
**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info** N-terminal 10xHis-tagged

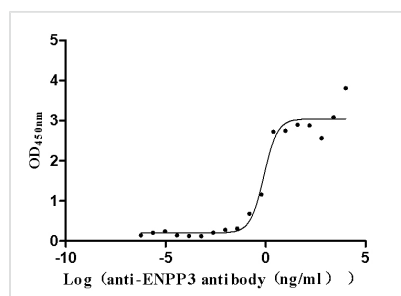
**Mol. Weight** 98.7 kDa

**Protein Length** Partial

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Human ENPP3 at 2 µg/ml can bind Anti-ENPP3 recombinant antibody (CSB-RA007681MA1HU), the EC<sub>50</sub> is 0.5355-1.248 ng/mL.

**Endotoxin** Less than 1.0 EU/ug as determined by LAL method.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.