

ENPP-1 Recombinant Protein | ENPP1 recombinant protein

Recombinant Human ENPP-1 Protein

CATALOG #
AAA283393

HOST
HEK293 cells

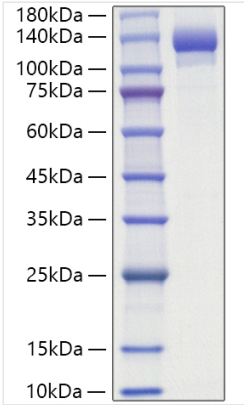
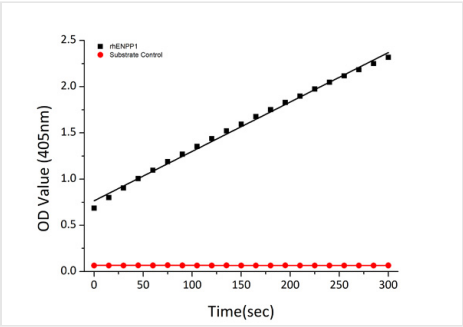
PRODUCT SYNONYMS

ENPP-1; Recombinant Human ENPP-1 Protein; ENPP1; ARHR2; COLED; M6S1; NPP1; NPPS; PC-1; PCA1; PDNP1; ENPP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	KPSCAKEVKS CKGRCFERTF GNCRCDAACV ELGNCCLDYQ ETCIEPEHIW TCNKFRGCEK RLTRSLCACS DDCKDKGDCC INYSSVCQGE KSWVEEPCES INEPQCPAGF ETPPTLLFSL DGFRAEYLHT WGGLLPVISK LKKGTYTKN MRPVYPTKTF PNHYSIVTGL YPESHGIIDN KMYDPKMNAS FSLKSKEKFN PEWYKGEPDW VTAKYQGLKS GTFFWPGSDV EINGIFPDY KMYNGSVPFE ERILAVLQWL QLPKDERPHF YTLYLEEPDS SGHSYGPVSS EVIKALQRVD GMVGMLMDGL KELNLHRCLN LILSDHGME QGSCKKIYIL NKYLGDVKNI KVIYGPAARL RPSDVPDKYY SFNYEGIARN LSCREPNQHF KPYLKHFLPK RLHFAKSDRI EPLTFYLDPQ WQLALNPSEK KYCGSGFHGS DNVFSNMQAL FVGYPGFKH GIEADTFENI EVYNLMCDLL NLTPAPNNGT HGSLNHLLKN PVYTPKHPKE VHPLVQCPFT RNPRDNLGCS CNPSILPIED FQTQFNLTVA EEKIKHETL PYGRPRVLQK ENTICLLSQH QFMSGYSQDI LMPLWTSYTV DRNDSFSTED FSNCLYQDFR IPLSPVHKCS FYKNNTKVSF GFLSPPQLNK NSSGIYSEAL LTTNIVPMYQ SFQVIWRYFH DTLLRKYAEE RNVNVVSGP VFDFDYDGRC DSLENLRQKR RVIRNQEILI PTHFFIVLTS CKDTSQTPH CENLDTLAFI LPHRTDNSES CVHGKHDSSW VEELMLHRA RITDVEHITG LSFYQQRKEP VSDILKLKTH LPTFSQED
Species	Human
Tag	C-His
Endotoxin	<0.01EU/ug
Bio-Activity	Measured by its ability to hydrolyze thymidine 5'-monophosphate p-nitrophenyl ester. The specific activity is >63600 pmol/min/ug, as measured under the described conditions.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Recombinant Human ENPP-1 hydrolyze thymidine 5'-monophosphate p-nitrophenyl ester. The specific activity is >63600 pmol/min/ug, as measured under the described conditions.

SDS-PAGE

Recombinant Human ENPP-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 120-150 kDa.

ADDITIONAL INFORMATION

Related Product Information for ENPP1 recombinant protein	Ectonucleotide pyrophosphatase/phosphodiesterase (ENPP)-1 is a membrane-bound protein that catalyzes the hydrolysis of extracellular nucleoside triphosphates to monophosphate and extracellular inorganic pyrophosphate (ePPi). Mechanical stimulation regulates ENPP-1 expression.
Product Categories/Family for ENPP1 recombinant protein	Other Recombinant Protein; Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	23503088
NCBI GeneID	5167
UniProt Accession #	P22413; Q5T9R6; Q9NPZ3; Q9P1P6; Q9UP61; Q9Y6K3
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1
UniProt Gene Name	ENPP1
UniProt Synonym Gene Names	M6S1; NPPS; PC1; PDNP1; E-NPP 1; NPPase
UniProt Entry Name	ENPP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/enpp1-recombinant-protein-hek293-cells/283393>