

Ectonucleoside Triphosphate Diphosphohydrolase 1 Recombinant Protein | ENTPD1 recombinant protein

Recombinant Ectonucleoside Triphosphate Diphosphohydrolase 1 (ENTPD1)

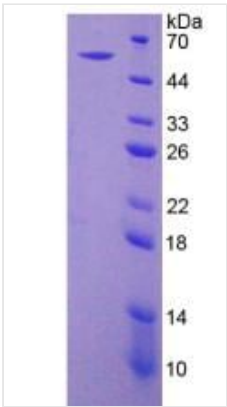
CATALOG # AAA144092	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Ectonucleoside Triphosphate Diphosphohydrolase 1; Recombinant Ectonucleoside Triphosphate Diphosphohydrolase 1 (ENTPD1); ENTPD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6.6 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow.MSPILGY WKIKGLVQPT RLLLEYLEEK YEEHLYERDE GDKWRNKKFE LGLEFPNLPY YIDGDVKLTQ SMAIRYIAD KHNMLGGCPK ERAEISMLEG AVLDIRYGV S RIAYSKDFET LKVDFLSKLP EMLKMFEDRL CHKTYLNGDH VTHPDFMLYD ALDVVLYMDP MCLDAFPKLV CFKKRIEAI P QIDKYLKSSK YIAWPLQGWQ ATFGGGDHPP KSDGSTSGSG HHHHHHSAGL VPRGSTAIGM KETAAAKFER QHMDSPDLGT GGGSGIEGRG SMGYRGSEF- LGGSSTQVTF VPLNQLEAP ETSLQFRLYG TDYTVYTHSF LCYGKDQALW QKLAQDIQVS SGGILKDPCF YPGYKKVVNV SELYGTPTCK RFEKKLPFNQ FQVQGTGDYE QCHQSILKFF NNSHCPYSQC AFNGVFLPPL QGSFGAFSAF YFVMDFFKKM ANDSVSSQEK MTEITKNFCS KPWEEVKASY PTVKEKYLSE YCFSGTYILS LLLQGYNFTG TSWDQIHFMG KIKDSNAGWT
Sequence Length	511
Applicable Applications for ENTPD1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	59.7kDa
Accurate Molecular Mass (KD)	57kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Leu213~Thr452
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



LGGSSSTQV TFPVPLNQTL E APETSLQFRL YGTDYTVYTH
SFLCYGKDOA LWQKLAQDIQ VSSGGILKDP CFYPGVKV NVSELYGTGC
TKRFEKKLPF NQFQVQGTGD YEQCHQSILK FFNNSHCPYS QCAFNGVFLP
PLQGSFGAFS AFYFVNDFFK KMANDSVSSQ EKMTETIKNF CSKPWEEVKA
SYPTVKEKYL SEYCFSGTYI LSLLLQGYNF TGTSWDQIHF MGKIKDSNAG
WT

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	815891318
NCBI GeneID	64519
NCBI Accession #	NP_072109.2
NCBI GenBank Nucleotide #	NM_022587.2
Molecular Weight	57,408 Da
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Symbol	Entpd1
NCBI Official Synonym Symbols	NTPDase-1
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 1
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1
UniProt Gene Name	Entpd1
UniProt Synonym Gene Names	Cd39; NTPDase 1; Ecto-ATPDase 1; Ecto-ATPase 1
UniProt Entry Name	ENTP1_RAT

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.