

Product datasheet for TP318598

ENTPD8 (NM_001033113) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ectonucleoside triphosphate diphosphohydrolase 8 (ENTPD8), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218598 representing NM_001033113 Red=Cloning site Green=Tags(s)

MGLSRKEQVFLALLGASGVSLTALILLVEATSVLLPTDIKFGIVFDAGSSHTSLFLYQWLANKENGTG
VVSQALACQVEGPGISSYTSNAAQAGESLQGCLEELVLIPEAQHRKTPFLGATAGMRLLSRKNSSQAR
DIFAAVTQVLGRSPVDFWGAELLAGQAEGAFGWITVNYGLGLTLVKYSFTGEWIQPPEEMLVGALDMGGAS
TQITFVPGGPILDKSTQADFRLYGSDYSVYTHSYLCFGRDQMLSRLLVGLVQSRPAALLRHPCYLSGYQT
TLALGPLYESPCVHATPPLSLPQNLTVGTGNPGACVSAIRELFNFSSCQGQEDCAFDGVYQPPLRGQFY
AFSNFYTFHFLNLTSRQPLSTVNATIWFEFCQRPWKLVEASYPGQDRWLRDYCASGLYILTLHHEGYGFS
EETWPSLEFRKQAGGVDIGWTLGYMLNLTGMIPADAPAQWRAESYGVWVAKVFMVLALVAVVGAALVQL
FWLQD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

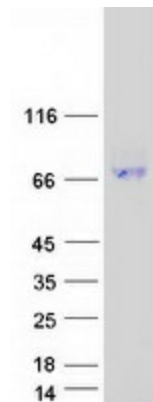
Tag:	C-Myc/DDK
Predicted MW:	53.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001028285
Locus ID:	377841
UniProt ID:	Q5MY95
RefSeq Size:	2222
Cytogenetics:	9q34.3
RefSeq ORF:	1485
Synonyms:	E-NTPDase; GLSR2492; NTPDase-8; UNQ2492
Summary:	Canalicular ectonucleoside NTPDase responsible for the main hepatic NTPDase activity. Ectonucleoside NTPDases catalyze the hydrolysis of gamma- and beta-phosphate residues of nucleotides, playing a central role in concentration of extracellular nucleotides. Has activity toward ATP, ADP, UTP and UDP, but not toward AMP.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane
Protein Pathways:	Purine metabolism, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified ENTPD8 protein (Cat# TP318598). The protein was produced from HEK293T cells transfected with ENTPD8 cDNA clone (Cat# [RC218598]) using MegaTran 2.0 (Cat# [TT210002]).