

## Product datasheet for **TP318598M**

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218598 representing NM_001033113 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGLSRKEQVFLALLGASGVSGTLALILLVEATSVLLPTDIKFGIVFDAGSSHTSLFLYQWLANKENGTG  
VVSQALACQVEGPGISSYTSNAAQAGESLQGCLEEALVIPEAQHRKTPFLGATAGMRLLSRKNSSQAR  
DIFAAVTQVLGRSPVDFWGAELLAGQAEGAFGWITVNYGLGLTLVKYSFTGEWIQPPEEMLVGALDMGGAS  
TQITFVPGGPILDKSTQADFRLYGSDYSVYTHSYLCFGRDQMLSRLLVGLVQSRPAALLRHPCYLSGYQT  
TLALGPLYESPCVHATPPLSLPQNLTVGTGNPGACVSAIRELFNFSSCQGQEDCAFDGVYQPPLRGQFY  
AFSNFYTFHFLNLTSRQPLSTVNATIWEFCQRPWKLVEASYPGQDRWLRDYCASGLYILTLHHEGYGFS  
EETWPSLEFRKQAGGVDIGWTLGYMLNLTGMIPADAPAQWRAESYGWVAKVFMVLALVAVVGAALVQL  
FWLQD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

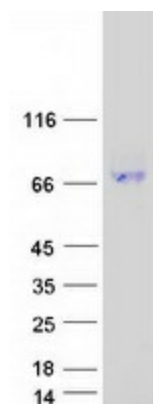
Tag:	C-Myc/DDK
Predicted MW:	53.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001028285</a>
<b>Locus ID:</b>	377841
<b>UniProt ID:</b>	<a href="#">Q5MY95</a>
<b>RefSeq Size:</b>	2222
<b>Cytogenetics:</b>	9q34.3
<b>RefSeq ORF:</b>	1485
<b>Synonyms:</b>	E-NTPDase; GLSR2492; NTPDase-8; UNQ2492
<b>Summary:</b>	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]
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	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]).