

## Product datasheet for **TP328678M**

### NTE (PNPLA6) (NM\_001166111) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human patatin-like phospholipase domain containing 6 (PNPLA6), transcript variant 1, 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC228678 representing NM\_001166111  
Red=Cloning site Green=Tags(s)

MEAPLQTGMMGTSSHGLATNSSGAKVAERDGFQDVLAPGEGSAGRICGAQPVPFVPPQVLGVMIGAGVAV  
 VTAVLILLVRRRLRVPKTPAPDGPYRFRKRDKVLFYGRKIMRKVSQSTSSLVDTSVSATSRPRMRKCLK  
 MLNIAKKILRIQKETPTLQRKEPPPAVLEADLTEGDLANSHLPSEVLYMLKNVRVLGHFEKPLFLELCRH  
 MVFQRLGQGDYVFRPGQPDASIYVVDGLLELCLPGPDGKECVWKEVWPGDSVNSLLSILDVITGHQHPQ  
 RTVSARAARDSTVLRPVEAFSAVFTKYPESLVRVQIIMVRLQRVTFALHNYLGLTNELFSHEIQPLR  
 LFPSPGLPTRTSPVGRGSKRMVSTSATDEPRETPGRPPDPTGAPLPGPTGDPVKPTSLETSPAPLLSRCVS  
 MPGDISGLQGGPRSDFDMAYERGRISVSLQEEASGGSLAAPARTPTQEPREQPAGACEYSYCEDESATGG  
 CPGFPYQGRQTSSIFEAAKQELAKLMRIEDPSLLNSRVLLHAKAGTIIARQGDQDVSLLHFLVWGCLHVV  
 QRMIDKAEDVCLFVAQPGEVGLVGLAVLTGEPLIFTLRAQRDCTFLRISKSDFYEIMRAQPSVLSAAHTV  
 AARMSPFVRQMDFAIDWTAVEAGRALYRQGRSDCTIVLNGRLRSVIQRGSGKELVGEYGRGDLIGV  
 EALTRQPRATTVHAVRDETELAKLPEGTLGHIKRRYPQVTRLIHLLSQKILGNLQQLQGPFPAGSGLGVP  
 PHSELTNPASNLATVAILPVCAEVPMAFTLELQHALQAIGPTLLLNSDIIRARLGASALDSIQEFRLSG  
 WLAQQEDAHRIVLYQTDASLTPWTVRCLRQADCILIVGLGDQEPTLGQLEQMLENTAVRALKQLVLLHRE  
 EGAGPTRTVEWLNMRWSCGHLHLRCPRLFSRRSPAKLHELVEKVFRRADRHSDFSRLARVLTGNTIA  
 LVLGGGGARGCSHIGVLKALEEAGVPVDLVGGTSIGSFIGALYAEERSASRTKQRAREWAKSMTSVLEPV  
 LDLYTPVTSMTGSAFNRSIHRVFQDKQIEDLWLPYFNVTDDITASAMRVHKDGLWRYVRASMTLSGYL  
 PPLCDPKDGHLLMDGGYINNLPADIARSMGAKTVIAIDVGSQDETDLSTYGDLSGWWLLWKRLNPWADK  
 VKVPDMAEQSRLAYVSCVRQLEVKSSSYCEYLRPPIDCFKTMDFGKFDQIYDVGYQYGKAVFGGWSRG  
 NVIEKMLTDRRSTDLNESRRADVLAFSSGFTDLAEIVSRIEPPTSYVSDGCADGEESDCLTEYEEDAGP  
 DCSRDEGGSPGASPTASEMEEKSIILRQRCLPQEPGSGATDA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

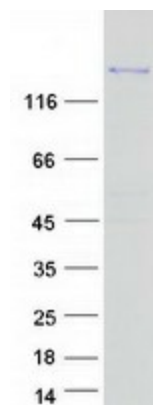
**Tag:** C-Myc/DDK  
**Predicted MW:** 150.8 kDa



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<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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_001159583</a>
<b>Locus ID:</b>	10908
<b>UniProt ID:</b>	<a href="#">Q8IY17</a>
<b>Cytogenetics:</b>	19p13.2
<b>RefSeq ORF:</b>	4125
<b>Synonyms:</b>	BNHS; iPLA2delta; LNMS; NTE; NTEMND; OMCS; SPG39; sws
<b>Summary:</b>	This gene encodes a phospholipase that deacetylates intracellular phosphatidylcholine to produce glycerophosphocholine. It is thought to function in neurite outgrowth and process elongation during neuronal differentiation. The protein is anchored to the cytoplasmic face of the endoplasmic reticulum in both neurons and non-neuronal cells. Mutations in this gene result in autosomal recessive spastic paraplegia, and the protein is the target for neurodegeneration induced by organophosphorus compounds and chemical warfare agents. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified PNPLA6 protein (Cat# [TP328678]). The protein was produced from HEK293T cells transfected with PNPLA6 cDNA clone (Cat# [RC228678]) using MegaTran 2.0 (Cat# [TT210002]).