

## Product datasheet for **TP760522**

### **PNPLA4 (NM\_001142389) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human patatin-like phospholipase domain containing 4 (PNPLA4), transcript variant 2, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length PNPLA4
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	27.8 kDa
<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>	50 mM Tris-HCl, pH 8.0, 8 M urea
<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_001135861</a>
<b>Locus ID:</b>	8228
<b>UniProt ID:</b>	<a href="#">P41247</a> , <a href="#">A0A024RBU8</a>
<b>RefSeq Size:</b>	2752
<b>Cytogenetics:</b>	Xp22.31
<b>RefSeq ORF:</b>	759
<b>Synonyms:</b>	DXS1283E; GS2; iPLA2eta



[View online »](#)

**Summary:**

This gene encodes a member of the patatin-like family of phospholipases. The encoded enzyme has both triacylglycerol lipase and transacylase activities and may be involved in adipocyte triglyceride homeostasis. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome Y. [provided by RefSeq, Feb 2010]

**Protein Pathways:**

Retinol metabolism

**Product images:**