

## Product datasheet for **TP502786**

### Lypla2 (NM\_011942) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse lysophospholipase 2 (Lypla2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR202786 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MCGNTMSVPLLTDAATVSGAERETA AVIFLHGLGDTGHSWADALSTIRLPHVKYICPHAPRIPVTLNMKM  
VMPSWFDLMGLSPDAPEDA EAGIKKAAENIKALIEHEMKN GIPANRIVLGGFSQGGALS LYTALTCPHPLA  
GIVALSCWLPLHRNFPQAANGSAKDLAILQCHGELDPMV PVRFGALTAEKLRTVVT PARVQFKTYPGVMH  
SSCPQEMAAVKEFLEKLLPPV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 24.8 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

**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 after receiving vials.

**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\\_036072](#)

**Locus ID:** 26394

**UniProt ID:** [Q9WTL7](#)

**RefSeq Size:** 1593



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**Cytogenetics:** 4 D3

**RefSeq ORF:** 696

**Synonyms:** Lysoll

**Summary:** Hydrolyzes fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins, GAP43, ZDHHC6 or HRAS. Deacylates GAP43. Mediates depalmitoylation of ZDHHC6 (By similarity). Has lysophospholipase activity (PubMed:10064901).[UniProtKB/Swiss-Prot Function]