

## 32-2514: LYPLA2 Recombinant Protein

**Alternative Name :** Acyl-protein thioesterase 2,APT-2,Lysophospholipase II,LPL-II,LysoPLA II,LYPLA2,APT2,DJ886K2.4.

### Description

Source : Escherichia Coli. LYPLA2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 251 amino acids (1-231 a.a.) and having a molecular mass of 26.9kDa. The LYPLA2 is purified by proprietary chromatographic techniques. Acyl-protein thioesterase 2 (LYPLA2) is lysophospholipase which acts on biological membranes to regulate the multifunctional lysophospholipids. LYPLA2 may hydrolyze fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The LYPLA2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 100mM NaCl.
<b>Storage condition :</b>	LYPLA2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MCGNTMSVPL LTDAATVSGA ERETAAVIFL HGLGDTGHSW ADALSTIRLP HVKYICPHAP RIPVTLNMKM VMPSWFDLMG LSPDAPEDA GIKKAAENIK ALIEHEMKNQ IPANRIVLGG FSQGGALSLY TALTCPPLA GIVALSCWLP LHRAFPQAAN GSAKDLAILQ CHGELDPMVP VRFGALTAEK LRSVVT PARV QFKTYPGVMH SSCPQEMAAV KEFLEKLLPP V.