

## 32-8103: Recombinant Human Group XVI Phospholipase A1/A2/PLA2G16 (N-6His)

**Gene :** PLA2G16

**Gene ID :** 11145

**Uniprot ID :** P53816

### Description

Source: E.coli.

MW :15.93kD.

Recombinant Human PLA2G16 is produced by our E.coli expression system and the target gene encoding Asp12-Asp132 is expressed with a 6His tag at the N-terminus. Group XVI Phospholipase A1/A2 (PLA2G16) belongs to the H-rev 107 family. PLA2G16 is expressed in a number of human tumors including ovarian carcinomas, lung carcinomas. PLA2G16 is involved in the regulation of differentiation and survival. PLA2G16 regulates adipocyte lipolysis and release of fatty acids through a G-protein coupled pathway involving prostaglandin and EP3. It has also been reported to play a crucial role in the development of obesity in mouse models.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, pH 8.0.

**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHSSGLVPRGSHMDLIEIFRPFYRHWAIVYVGDGYVYVHLAPPSEVAGAGAASVMSALTDKAIKKKE  
LLYDVAGSDKYQVNNKHDDKYSPLPCSKIIQRAEELVGQEVLYKLTSENCEHFVNELRYGVARSDQVRD

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.