

Recombinant Human Phospholipase A2, Group XVI

Cat. No. PLA2G16-387H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HRAS-like suppressor 3 was expressed in E.coli and was purified by conventional chromatography techniques, 14.9 kDa (133 aa).
Species	Human
Source	E.coli
Description	The HRAS like-suppressor 3 (HRASLS3) belongs to a class II tumor suppressor gene family and is involved in the regulation of differentiation and survival. This protein is expressed in several human tumors including ovarian carcinomas, lung carcinomas and may be involved in interferon-dependent cell death.
Sequences of amino acids	MRAPIPEPKP GDLIEIFRPF YRHWAIYVGD GYVVHLAPPS EVAGAGAASV MSALTDKAIV KKELLYDVAG SDKYQVNNKH DDKYSPLPCS KIIQRAEELV GQEVLYKLTS ENCEHFVNEL RYGVARSDQV RDV
Formulation	Liquid. In 20 mM Tris-HCl buffer (pH 8.0)
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Endotoxin Level	< 1.0 EU per 1ug of protein (determined by LAL method)
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	PLA2G16 phospholipase A2, group XVI [Homo sapiens]
Synonyms	PLA2G16; phospholipase A2, group XVI; HRAS-like suppressor 3;adipose-specific PLA2; Ca-independent phospholipase A1/2; HRASLS3; HREV107; H-REV107-1, HREV107-3; MGC118754; AdPLA; H-rev 107 protein homolog; Renal carcinoma antigen NY-REN-65
Gene ID	11145
mRNA Refseq	NM_001128203
Protein Refseq	NP_001121675
UniProt ID	P53816
Chromosome Location	11q12.3
Function	Molecular function; protein binding

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