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# Recombinant human PLA2G16 protein

Catalog Number: HRA0901

#### PRODUCT INFORMATION

### **Expression system**

E.coli

#### **Domain**

1-133aa

#### **UniProt No.**

P53816

#### **NCBI Accession No.**

NP 001121675

#### **Alternative Names**

HRASLS3, PLA2G16, AdPLA, H-REV107-1, HREV107, HREV107-3, MGC118754, HRAS-like suppressor 3, H rev 107 protein homolog, HRAS like suppressor 3, HREV107 3, Renal carcinoma antigen NY REN 65,

#### **PRODUCT SPECIFICATION**

# **Molecular Weight**

14.9 kDa (133aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0)

#### **Purity**

> 95% by SDS-PAGE

#### **Endotoxin level**

< 1 EU per 1ug of protein (determined by LAL method)

#### Tag

Non-Tagged

### **Application**

SDS-PAGE

# **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

# **BACKGROUND**

# **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. Recombinant HRAS-like



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suppressor 3 was expressed in E. coli and was purified by conventional chromatography techniques.

### **Amino acid Sequence**

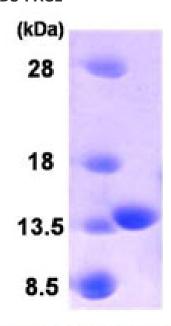
MRAPIPEPKP GDLIEIFRPF YRHWAIYVGD GYVVHLAPPS EVAGAGAASV MSALTDKAIV KKELLYDVAG SDKYQVNNKH DDKYSPLPCS KIIQRAEELV GQEVLYKLTS ENCEHFVNEL RYGVARSDQV RDV

#### **General References**

Nazarenko I., et al. (2006) Am. J. Pathol. 169 (4): 1427-39. Nazarenko I., et al. (2007) J. Cell. Sci. 120: 1393-404.

# DATA

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

