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Recombinant human VOPP1 protein

Catalog Number: ATGP1076

PRODUCT INFORMATION

Expression system

E.coli

Domain

82-172aa

UniProt No.

096AW1

NCBI Accession No.

NP 110423.3

Alternative Names

Vesicular overexpressed in cancer prosurvival protein 1, Vesicular, overexpressed in cancer, prosurvival protein 1, ECOP, GASP

PRODUCT SPECIFICATION

Molecular Weight

12 kDa (112aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl

Purity

> 90% by SDS-PAGE

Tag

His-Tag

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

Vesicular, overexpressed in cancer, prosurvival protein 1 (VOPP1), also known as Glioblastoma-amplified secreted protein (GASP), has been previously shown to be over-expressed in human glioblastoma multiforme and squamous cell carcinoma. VOPP1 is a key regulator of NF-kappaB signaling, and that high-level, amplification-mediated VOPP1 expression, such as that occurring in tumors with amplified EGFR, could contribute to resistance to apoptosis. Recombinant human VOPP1 protein, fused to His-tag at N-terminus, was



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expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

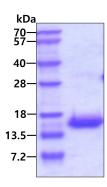
<MGSSHHHHHH SSGLVPRGSH M>RRRMYPPPL IEEPAFNVSY TRQPPNPGPG AQQPGPPYYT DPGGPGMNPV GNSMAMAFQV PPNSPQGSVA CPPPPAYCNT PPPPYEQVVK AK

General References

Park S., et al. (2005) Oncogene. 24(15):2495-502. Barse A., et al. (2010) J Mol Histol. 41(2):153-64.

DATA

SDS-PAGE



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

