

Recombinant human VOPP1 protein

Catalog Number: ATGP1076

PRODUCT INFORMATION

Expression system

E.coli

Domain

82-172aa

UniProt No.

Q96AW1

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>RRRMYPPL IEEPAFNVSY TRQPPNPGPG AQQPGPPYYT DPGGPGMNPV
GNSMAMAFQV PPNSPQGSVA CPPPPAYCNT PPPPYEQVVK AK

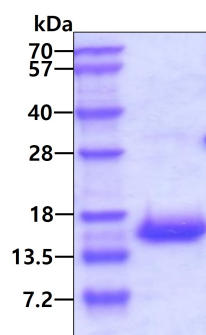
General References

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.