

AR39016PU-L

Human VOPP1 (82-172, His-tag) - Purified

Alternate names:

055N, ECOP, ECop, EGFR-coamplified and overexpressed protein, GASP, Glioblastoma-amplified secreted protein, Putative NF-kappa-B-activating protein 055N, Vesicular overexpressed in cancer prosurvival protein 1

Quantity:

0.25 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q96AW1](#)

NCBI:

[NP_110423](#)

GeneID:

[81552](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl

Description:

Recombinant human VOPP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MRRMYPPPL IEEPAFNVSY TRQPPNPGPG AQQGPPYYT
DPGGPGMNPV GNSMAMAFQV PPNSPQGSVA CPPPPAYCNT PPPYEQVVK AK

Molecular weight: kDa (112aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Park S., et al. (2005) Oncogene. 24(15):2495-502.

Barse A., et al. (2010) J Mol Histol. 41(2):153-64.

Pictures:

Recombinant human VOPP1, 82-172 aa,
His-tagged

