

Recombinant Human Vesicular, overexpressed in cancer, prosurvival protein 1, His-tagged

Cat. No. VOPP1-697H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VOPP1, 82-172aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	82-172 a.a.
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 expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl
Molecular Mass	12 kDa (112aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MRRRMYPPL IEEPAFNVS YTRQPPNPGPG AQQPGPPYYT DPGGPGMNPV GNSMAMAFQV PPNSPQGSVA CPPPPAYCNT

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	PPPPYEQVVK AK
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	VOPP1 vesicular, overexpressed in cancer, prosurvival protein 1 [Homo sapiens]
Official Symbol	VOPP1
Synonyms	VOPP1; vesicular, overexpressed in cancer, prosurvival protein 1; DKFZp564K0822; ECop; EGFR coamplified and overexpressed protein; FLJ20532; GASP; Glioblastoma amplified secreted protein; Glioblastoma-amplified secreted protein; EGFR-coamplified and overexpressed protein; putative NF-kappa-B-activating protein 055N; ECOP;
Gene ID	81552
mRNA Refseq	NM_030796
Protein Refseq	NP_110423
MIM	611915
UniProt ID	Q96AW1

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Chromosome Location	7p11.2
Function	signal transducer activity;