

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

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

### SPECIFICATION

<b>Product Overview</b>	VOPP1, 82-172aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	82-172 a.a.
<b>Description</b>	<p>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.</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl
<b>Molecular Mass</b>	12 kDa (112aa), confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MRRRMYPPL IEEPAFNVS YTRQPPNPGPG AQQPGPPYYT DPGGPGMNPV GNSMAMAFQV PPNSPQGSVA CPPPPAYCNT

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	PPPPYEQVVK AK
<b>Purity</b>	>90% by SDS - PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.5mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	VOPP1 vesicular, overexpressed in cancer, prosurvival protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	VOPP1
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">81552</a>
<b>mRNA Refseq</b>	<a href="#">NM_030796</a>
<b>Protein Refseq</b>	<a href="#">NP_110423</a>
<b>MIM</b>	<a href="#">611915</a>
<b>UniProt ID</b>	<a href="#">Q96AW1</a>

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<b>Chromosome Location</b>	7p11.2
<b>Function</b>	signal transducer activity;

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