

Recombinant Human Vesicular, Overexpressed In Cancer, Prosurvival Protein 1, His-tagged

Cat. No. VOPP1-5155H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human VOPP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
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.
Concentration	0.5 mg/ml
Form	Supplied as aliquid in 20mM Tris-HCl buffer, pH 8.0, containing 1mM DTT, 30% glycerol and 0.2M NaCl.
Purity	> 90% by SDS - PAGE
Sequence	82-172 amino acids: MGSSHHHHHSSGLVPRGSH MRRRMYPPL IEEPAFNVSY TRQPPNPGPG AQQGPPYYT DPGGPGMNPV GNSMAMAFQVPPNSPQGSVA CPPPPAYCNT PPPPYEQVVK AK

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Molecular Mass	12 kDa (112aa), confirmed by MALDI-TOF
Applications	SDS-PAGE
Storage	Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or -70deg C for long term storage. Avoid repeated freeze/thaw cycles.
OfficialSymbol	VOPP1
GENE INFORMATION	
Gene Name	VOPP1 vesicular, overexpressed in cancer, prosurvivalprotein 1 [Homo sapiens]
Synonyms	VOPP1; vesicular,overexpressed in cancer, prosurvival protein 1; ECOP; GASP; FLJ20532;DKFZp564K0822; vesicular,overexpressed in cancer, prosurvival protein 1; OTTHUMP00000209214; OTTHUMP00000209217;OTTHUMP00000209218; OTTHUMP00000209221; Glioblastoma-amplified secretedprotein; EGFR-coamplified and overexpressed protein
Gene ID	81552
mRNA Refseq	NM_030796
Protein Refseq	NP_110423
MIM	611915
UniProt ID	Q96AW1
Chromosome Location	7p11.2

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Function

signaltransducer activity

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