

Recombinant Human VOPP1, His-tagged

Cat. No. VOPP1-3540H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanVOPP1 protein, fused to His-tag at N-terminus, was expressed in E. coliand purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	VOPP1 has beenpreviously shown to be over-expressed in human glioblastoma multiforme andsquamous cell carcinoma. VOPP1 is a key regulator of NF-kappa-B signaling,and that high-level, amplification-mediated VOPP1 expression, such as thatoccurring in tumors with amplified EGFR, could contribute to resistance toapoptosis.
Application	SDS-PAGE
Form	Liquid. In 20mMTris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl.
Molecular Weight	12 kDa (112aa),confirmed by MALDI-TOF
Purity	> 90% by SDS-PAGE
Concentration	0.5 mg/ml(determined by Bradford assay)
Sequences of	MGSSHHHHHHSSGLVPRGSH MCPPPPAYCNT PPPPYEQVVK AK RRRMYPPPL

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aminoacids	IEEPAFNVSYTRQPPNPGPG AQQPGPPYYT DPGGPGMNPV GNSMAMAFQV PPNSPQGSVA
Storage	Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
OfficialSymbol	VOPP1
GENE INFORMATION	
Gene Name	VOPP1 vesicular, overexpressedin cancer, prosurvival protein 1 [Homo sapiens]
Synonyms	VOPP1; vesicular,overexpressed in cancer, prosurvival protein 1; ECOP;GASP; FLJ20532; DKFZp564K0822; OTTHUMP00000209214; OTTHUMP00000209215; OTTHUMP00000209216;OTTHUMP00000209217; OTTHUMP00000209218; OTTHUMP00000209219; OTTHUMP00000209220;OTTHUMP00000209221; OTTHUMP00000209222; OTTHUMP00000209223; OTTHUMP00000209224;OTTHUMP00000209225; OTTHUMP00000209226; Glioblastoma-amplified secreted protein;EGFR-coamplified and overexpressed protein; putative NF-kappa-B-activatingprotein 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