

VOPP1, 82-172aa, Human, His tag, E.coli

Cat.NO.: TP04479

3th Edition

Synonyms: Vesicular, overexpressed in cancer, prosurvival protein 1, ECOP, GASP

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 Weight: 12 kDa (112aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMRRRMYPPLIEEPAFNVSYTRQPPNPGPGAQQPGPPYYTDPGGPGMNPVGN
MAMAFQVPPNSPQGSVACPPPPAYCNTPPPPYEQVVKAK

Purity: > 95% by HPLC

Concentration: 0.5 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.