

VOPP1 Human

Description: VOPP1 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 112 amino acids (82-172 a.a.) and having a molecular mass of 12kDa. The VOPP1 is purified by proprietary chromatographic techniques.

Catalog #: PRPS-207

For research use only.

Synonyms: Vesicular overexpressed in cancer prosurvival protein 1, EGFR-coamplified and overexpressed protein, ECop, Glioblastoma-amplified secreted protein, Putative NF-kappa-B-activating protein 055N, VOPP1, ECOP, GASP, FLJ20532, DKFZp564K0822.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MRRRMYPPL IEEPAFNVS
YTRQPPNPGPG AQQPGPPYYT DPGGPGMNPV GNSMAMAFQV PPNSPQGSVA
CPPPPAYCNT PPPPYEQVVK AK.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The VOPP1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.2M NaCl.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

Vesicular overexpressed in cancer prosurvival protein 1 (VOPP1) has been previously shown to be over-expressed in human glioblastoma multiform and squamous cell carcinoma. VOPP1 is a crucial regulator of NF-kappaB signaling, and this high-level, amplification-mediated VOPP1 expression, such as that occurring in tumors with amplified EGFR, might impact the resistance to apoptosis.

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