

OVCA2 Human

Description: OVCA2 Human Recombinant produced in E. coli is a single polypeptide chain containing 251 amino acids (1-227) and having a molecular mass of 26.9kDa. OVCA2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-1130

For research use only.

Synonyms: Ovarian tumor suppressor candidate 2, candidate tumor suppressor in ovarian cancer 2, ovarian cancer-associated gene 2 protein.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MGSMAAQRPLRVLCAGFR
QSERGFREKT GALRKALRGR AELVCLSGPH PVPDPPGPEG ARSDFGSCPP EEQPRGWWFS
EQEADVFSAL EEPAVCRGLE ESLGMVAQAL NRLGPFDDL GFSQGAALAA LVCALGQAGD
PRFPLPRFIL LVSGFCPRGI GFKESILQRP LSLPSLHVFG DTDKVIPSQE SVQLASQFPG
AITLTHSGGH FI

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The OVCA2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

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:

OVCA2 is a member of the UPF0483 family. Universally expressed, the OVCA2 expression is regulated by retinoids. OVCA2 cooperates with apoptosis-related protein Bag-1, which indicates that OVCA2 takes part in cell proliferation. OVCA2 is thought to perform as a serine-hydrolase due to its catalytic and structural characteristics. Additionally, OVCA2 is believed to be involved in tumor suppression because of its reduced expression in ovarian and other tumor cell lines.

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