

32-4385: Recombinant Human Ovarian Tumor Suppressor Candidate 2

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

Description

Source : E.coli. 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. 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.

Product Info

Amount : 5 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The OVCA2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSHEMAQRP LRVLCAGFR QSERGFREKT GALRKALRGR
 AELVCLSGPH PVPDPPGPEG ARSDFGSCPP EEQPRGWWS EQEADVFSAL EEPVCRGLE
 ESLGMVAQAL NRLGPFDDL GFSQGAALAA LVCALGQAGD PRFPLPRFIL LVSGFCPRGI GFKESILQRP
 LSLPSLHVFG DTDKVIPSQE SVQLASQFPG AITLTHSGGH FIPAAAPQRQ AYLKFLDQFA E

