

Recombinant Human Ovarian Tumor Suppressor Candidate 2, His-tagged

Cat. No. OVCA2-6939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human OVCA2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-227aa
Description	OVCA2 belongs to the UPF0483 family. It is ubiquitously expressed and its expression is regulated by retinoids. OVCA2 interacts with apoptosis-related protein Bag-1, indicating that this protein may participate in cell proliferation. Due to its structural and catalytic characteristics, OVCA2 is thought to act as a serine-hydrolase and, because of its reduced expression in ovarian and other tumor cell lines, it may play a role in tumor suppression.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	26.9 kDa (251aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher).
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAQRP LRVLCLAGFR QSERGFREKT GALRKALRGR AELVCLSGPH PVPDPPGPEG ARSDFGSCPP EEQPRGWWFS

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EQEADVFSAL EEPAVCRGLE ESLGMVAQAL NRLGPFDDL GFSQGAALAA
 LVCALGQAGD PRFPLPRFIL LVSGFCPRGI GFKESILQRP LSLPSLHVFG
 DTDKVIPSQE SVQLASQFPG AITLTHSGGH FIPAAAPQRQ AYLKFLDQFA E

Purity >90% by SDS - PAGE

Applications SDS-PAGE

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.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [OVCA2 ovarian tumor suppressor candidate 2 \[Homo sapiens \]](#)

Official Symbol OVCA2

Synonyms OVCA2; ovarian tumor suppressor candidate 2; ovarian cancer-associated gene 2 protein; candidate tumor suppressor in ovarian cancer 2; ovarian cancer gene-2 protein;

Gene ID [124641](#)

mRNA Refseq [NM_080822](#)

Protein Refseq [NP_543012](#)

MIM [607896](#)

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UniProt ID	Q8WZ82
Chromosome Location	17p13.3
Function	hydrolase activity;

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