

# OVCA2 Protein, Human Recombinant

12/20

<b>CATALOG NO:</b>	P-1632-10    10 µg P-1632-50    50 µg
<b>ALTERNATE NAMES:</b>	Ovarian tumor suppressor candidate 2; Ovarian cancer-associated gene 2 protein; Ovarian cancer gene-2 protein; Esterase OVCA2
<b>MOL. WT.</b>	26.9 kDa
<b>ACCESSION NO:</b>	NP_543012; Q8WZ82
<b>PURITY:</b>	≥ 90% by SDS-PAGE
<b>SOURCE:</b>	<i>E.coli</i>
<b>TAG</b>	His-Tag
<b>AMINO ACID SEQUENCE:</b>	The target protein is expressed with the sequence (251 aa) of OVCA2 protein fused to His-tag at the N-terminus.
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 10% glycerol, 1 mM DTT.
<b>STORAGE CONDITIONS:</b>	Can be stored at +2 °C to +8 °C for 1 week. For long term storage, aliquot and store at -20 °C to -80 °C. Avoid repeated freezing and thawing cycles.

**DESCRIPTION:** Ovarian tumor suppressor candidate 2, also known as OVCA2, belongs to the uPF0483 family. It is ubiquitously expressed and produces proteins that help repair damaged DNA and slows cell division. 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. Recombinant human OVCA2 protein, fused to His-tag at N-terminus was expressed in *E. coli* and purified by using conventional chromatography techniques.

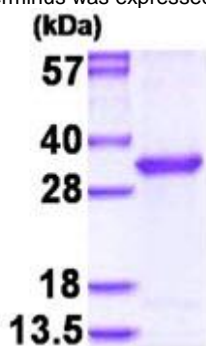


Fig A. 3µg of OVCA2 protein was loaded on SDS-PAGE under reducing condition and visualized by Coomassie blue stain.

## RELATED PRODUCTS:

Anti-BRCA1 Antibody (Cat No: A2157)  
 Anti-BRCA1 Antibody (BRCA1/1398) (Cat No: A1448)  
 Phospho-BRCA1 Antibody (Cat No: 3674)  
 BRCA1 Antibody (Cat No: 3364)

**FOR RESEARCH USE ONLY! Not to be used on humans.**