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## Product Data Sheet

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Product Name: OVCA2 Human  
 Cat. No.: GP24114  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ovarian tumor suppressor candidate 2; candidate tumor suppressor in ovarian cancer 2; ovarian cancer-associated gene 2 protein.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEMAQRP LRVLCLAGFR QSERGFREKT GALRKALRGR AELVCLSGPH PVPDPPGPEG ARSDFGSCPP EEQPRGWWFS EQEADVFSAL EEPAVCRGLE ESLGMVAQAL NRLGPF DGLL GFSQGAALAA LVCALGQAGD PRFPLPRFIL LVSGFCPRGI GFKESILQRP LSLPSLHVFG DTDKVIPSQE SVQLASQFPG AITLTHSGGH FIPAAAPQRQ AYLKFLDQFA E		
Formulation	The OVCA2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.		

### 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.

### 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.

### Background

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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