

OVCA2, 1-227aa, Human, His tag, E.coli

Cat.NO.: TP03272

3th Edition

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

Description:Ovarian tumor suppressor candidate 2, also known as 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:26.9kDa (251aa), confirmed by MALDI-TOF

Molecular Weight:26.9kDa (251aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMAAQRPLRVLCLAGFRQSERGFREKTGALRKALRGRAELVCLSGPHPVP
DPPGPEGARSDFGSCPPEEQPRGWWFSEQEADVFSALEEPAVCRGLEESLGMVAQALNRLGPFDGLLGFSQGA
ALAALVCALGQAGDPRFPLPRFILLVSGFCPRGIGFKESILQRPLSLPHVFGDSDKVIPSQESVQLASQFPGAILT
HSGGHFIPAAAPQRQAYLKFLDQFAE

Purity:> 95% by HPLC

Concentration:> 90% by SDS - PAGE

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.