9051 Mira Mesa Blvd, #910094
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OVCA2 Human

Ovarian Tumor Suppressor Candidate 2 Human Recombinant
RCP1574

Product Overview

Name	OVCA2 Human

Description

Ovarian Tumor Suppressor Candidate 2 Human Recombinant

Accession (Primary)	Q8WZ82

Synonyms

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

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.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The OVCA2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 10% glycerol.

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS HMAAQRP LRVLCLAGFR QSERGFREKT GALRKALRGR AELVCLSGPH PVPDPPGPEG ARSDFGSCPP EEQPRGWWFS EQEADVFSAL EEPAVCRGLE ESLGMVAQAL NRLGPFDGLL GFSQGAALAA LVCALGQAGD PRFPLPRFIL LVSGFCPRGI GFKESILQRP LSLPSLHVFG DTDKVIPSQE

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SVQLASQFPG AITLTHSGGH FIPAAAPQRQ AYLKFLDQFA E

Precautions

OVCA2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WZ82)