

### OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES

Phone: +1-858-888-7900 Fax: +1-858-888-7904 <u>US-info@acris-antibodies.com</u>

# AR10479PU-L OriGene EU

#### Jiidelle Ed

#### Acris Antibodies GmbH

Schillerstr. 5 32052 Herford GERMANY

Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

## **Uridine phosphorylase - Purified**

Catalog No.: AR10479PU-L

Quantity: 1 mg

**Concentration:** 1.0 mg/ml (prior to lyophil.)

Background: Uridine phosphorylase from Salmonella typhimurium (StUP) catalyzes the reversible

phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil.

Uniprot ID: POA1F6

 NCBI:
 NP 462853.1

 GeneID:
 1255494

 Source:
 E. coli

Format: State: Sterile Filtered white lyophilized powder

Purity: > 95.0% as determined by SDS-PAGE

Buffer System: Lyophilized from 1.0 mg/ml solution containing 25mM Tris-HCl, pH 8.0,

0.15M NaCl

**Reconstitution:** Restore in sterile  $18M\Omega$ -cm<sup>-1</sup> H<sub>2</sub>O not less than  $100 \mu g/ml$ , which can then

be further diluted to other aqueous solutions.

**Description:** Recombinant Uridine Phosphorylase Salmonella typhimurium produced in E.coli is a non-

glycosylated, polypeptide.

Biological Activity: 30 U/mg protein.

Activity Determination: One unit phosphorylates 1 µM of Uridine within 1 min at pH.

Molecular weight: 163068 Da

Storage: Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C.

Following reconstitution store undiluted at 2-8°C for one month

or (in aliquots) at -20°C for longer.

For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

