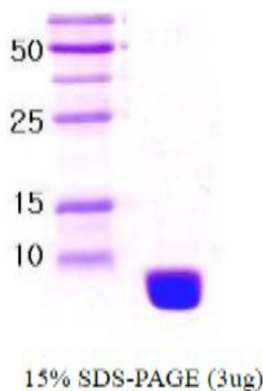


RPS27A

Recombinant Human Ubiquitin

| | | | |
|---------------------------------|--|------------------|------------------|
| Catalog No. | CSI15644A CSI15644B | Quantity: | 100 µg 500 µg |
| Alternate Names: | UBC, S27A, CEP80, UBCEP1, UBCEP80 | | |
| Description: | Ubiquitin is a small protein that is composed of 76 amino acids and its sequence is highly conserved throughout evolution from invertebrates to mammals. In the cytoplasm, ubiquitin is involved in ATP-dependent nonlysosomal proteolysis of various proteins. In the nucleus, ubiquitin is conjugated to histone2A and may play a role in regulation of chromatin structure and/or regulation of transcriptional activity. Ubiquitin (76amino acid) was overexpressed in <i>E.coli</i> and purified by using conventional chromatography techniques. | | |
| Concentration: | 1 mg/ml (determined by Bradford assay) | | |
| GeneID: | 6233 | | |
| Protein Accession No: | CAA44911 | | |
| Source: | <i>E. coli</i> | | |
| Molecular Weight: | 8.6 kDa (76 aa), confirmed by MALDI-TOF | | |
| Formulation: | Liquid. In 50 mM HEPES buffer (pH 7.5) containing 150 mM NaCl 10% glycerol | | |
| Purity: | > 95% by SDS - PAGE | | |
| Endotoxin Level: | < 1.0 EU per 1 µg of protein (determined by LAL method) | | |
| Amino Acid Sequence: | MQIFVKLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG | | |
| Storage & Stability: | Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles. | | |



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com