

Datasheet for ABIN934908  
**Ubiquitin Protein (Ubiquitin)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	Ubiquitin
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MQIFVKLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG
Characteristics:	Purified recombinant Human Ubiquitin protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

## Target Details

Target:	Ubiquitin
Alternative Name:	Ubiquitin ( <a href="#">Ubiquitin Products</a> )
Background:	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

## Target Details

---

is conjugated to histone 2A and may play a role in regulation of chromatin structure and/or regulation of transcriptional activity. Ubiquitin (76 amino acids) was overexpressed in E. coli and purified by using conventional chromatography techniques.

Alternative Names: UBCEP1 protein, UBA80 protein, UBCEP2 protein, UBC protein, Ubiquitin protein, Polyubiquitin B protein, UBB protein, FLJ25987 protein, Ubiquitin B protein, UBA52 protein, RPS27A protein, , MGC8385 protein

---

Molecular Weight: 8.6 kDa (76 AA)

Pathways: [Mitotic G1-G1/S Phases](#), [Ubiquitin Proteasome Pathway](#)

## Application Details

---

Application Notes: Ubiquitin protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 50 mM HEPES, pH7.5, containing 150 mM NaCl, 0 mM DTT, and 10 % glycerol.

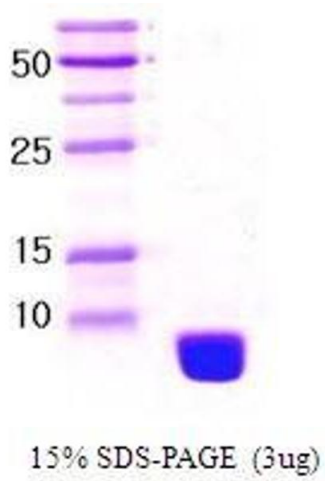
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



### SDS-PAGE

**Image 1.** Figure annotation denotes ug of protein loaded and % gel used.