

Datasheet for ABIN7479203

**RPS18 Protein (AA 2-152, full length) (GST tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	RPS18
Protein Characteristics:	AA 2-152, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPS18 protein is labelled with GST tag.
Application:	ELISA

## Product Details

Sequence:	SLVIPEKFQH ILRVLNTNID GRRKIAFAIT AIKGVGRRYA HVVLRKADID LTKRAGELTE DEVERVITIM QNPRQYKIPD WFLNRQKDKV DGKYSQVLAN GLDNKLREDL ERLKKIRAGR GLRHFHWGLRV RGQHTKTTGR RGRTVGVSCK K
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

## Target Details

Target:	RPS18
Alternative Name:	40S ribosomal protein S18 protein ( <a href="#">RPS18 Products</a> )
Background:	Located at the top of the head of the 40S subunit, it contacts several helices of the 18S rRNA

## Target Details

Molecular Weight: 45 kD

UniProt: [P62269](#)

## Application Details

**Comment:** The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

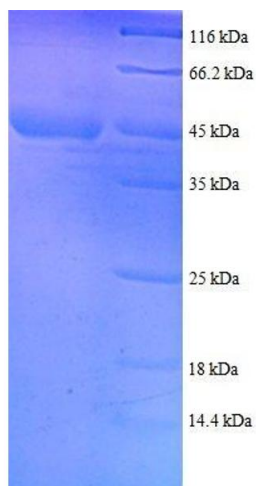
**Concentration:** 0.2-2 mg/mL

**Buffer:** Tris-based buffer, 50 % glycerol

**Handling Advice:** Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

**Storage:** -20 °C

**Storage Comment:** Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



#### SDS-PAGE

**Image 1.** Ribosomal Protein S18 (RPS18) (AA 2-152), (full length) protein (GST tag)