

Datasheet for ABIN7479215

**RPL5 Protein (AA 2-297, full length) (GST tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	RPL5
Protein Characteristics:	AA 2-297, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPL5 protein is labelled with GST tag.
Application:	ELISA

## Product Details

Sequence:	GFVKVVKNKA YFKRYQVKFR RRREGKTDYY ARKRLVIQDK NKYNTPKYRM IVRVTNRDII CQIAYARIEG DMIVCAAYAH ELPKYGVKVG LTNYAAAYCT GLLARLLN RFGMDKIYEG QVEVTGDEYN VESIDGQPGA FTCYLDAGLA RTTTGNKVFG ALKGAVDGGI SIPHSTKRFP GYDSESKEFN AEVHRKHIMG QNVADYMYRL MEEDEDAYKK QFSQYIKNSV TPDMMMEEMYK KAHAAIRENP VYEKKPKKEV KKKRWNRPKM SLAQKKDRVA QKKASFLRAQ ERAAES
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:	RPL5
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## Target Details

Alternative Name:	60S ribosomal protein L5 protein ( <a href="#">RPL5 Products</a> )
Background:	Required for rRNA maturation and formation of the 60S ribosomal subunits. This protein binds 5S RNA. Defects in RPL5 are the cause of Diamond-Blackfan anemia type 6 (DBA6) [MIM:612561]. DBA6 is a form of Diamond-Blackfan anemia, a congenital non-regenerative hypoplastic anemia that usually presents early in infancy. Diamond-Blackfan anemia is characterized by a moderate to severe macrocytic anemia, erythroblastopenia, and an increased risk of malignancy. 30 to 40% of Diamond-Blackfan anemia patients present with short stature and congenital anomalies, the most frequent being craniofacial (Pierre-Robin syndrome and cleft palate), thumb and urogenital anomalies.
Molecular Weight:	61.6 kD
UniProt:	<a href="#">P46777</a>

## 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

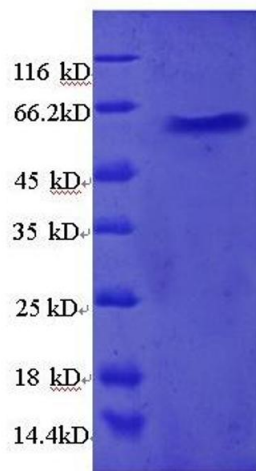
## Handling

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

## Handling

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

## Images



### SDS-PAGE

**Image 1.** Ribosomal Protein L5 (RPL5) (AA 2-297), (full length) protein (GST tag)