

# Recombinant Human RPS7 protein ab117224

## 1 图像

### 描述

产品名称	重组人RPS7蛋白
纯度	> 90 % SDS-PAGE. ab117224 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<b><u>P62081</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHSSGLVPRGSHMGSHMFSSSAKIVKPNGEKPDE FESGISQA LLELEMNSDLKAQLRELNITAAKEIEVGGGRKAIIFVVPVQ LKSFKIQ VRLVRELEKKFSGKHVVFIAQRILPKPTRKSRTKNKQKRPR SRTLTAHV DAILEDLVFPSEIVGKRIRVKLDGSRLIKVHLDKAQQNNEH KVETFSGV YKKLTGKDVNFEPFQL
预测分子量	25 kDa including tags
氨基酸	1 to 194
标签	His tag N-Terminus

### 技术指标

Our **Abpromise guarantee** covers the use of **ab117224** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid

### 制备和贮存

## 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## 常规信息

### 功能

Required for rRNA maturation.

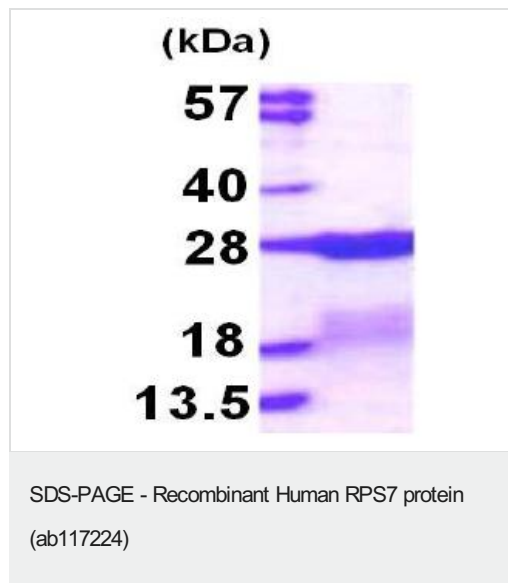
### 疾病相关

Defects in RPS7 are the cause of Diamond-Blackfan anemia type 8 (DBA8) [MIM:612563]. DBA8 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.

### 序列相似性

Belongs to the ribosomal protein S7e family.

## 图片



15% SDS-PAGE showing ab117224 at approximately 24.7kDa (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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