

# Recombinant Human RPL11 protein ab167891

## 1 图像

### 描述

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产品名称	重组人RPL11蛋白
纯度	> 90 % SDS-PAGE. ab167891 is purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<b><u>P62913</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SGLVPRGSH MGSMAQDQGE KENPMRELRI RKLCLNICVG ESGDRLTRAA KVLEQLTGQT PVFSKARYTV RSFGIRRNEK IAVHCTVRGA KAEIILEKGL KVREYELRKN NFSDTGNFGF GIQEHIDLGI KYDPSIGIYG LDFYVVLGRP GFSIADKKRR TGCIGAKHRI SKEEAMRWFQ QKYDGIILPG K
预测分子量	23 kDa including tags
氨基酸	1 to 178
标签	His tag N-Terminus

### 技术指标

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Our **Abpromise guarantee** covers the use of **ab167891** in the following tested applications.

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

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

### 制备和贮存

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## 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

Preservative: 1.7% Imidazole

Constituents: 0.02% DTT, 0.32% Tris HCl, 0.06% EDTA, 50% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

## 常规信息

### 功能

Binds to 5S ribosomal RNA (By similarity). Required for rRNA maturation and formation of the 60S ribosomal subunits. Promotes nucleolar location of PML.

### 疾病相关

Defects in RPL11 are the cause of Diamond-Blackfan anemia type 7 (DBA7) [MIM:612562]. DBA7 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.

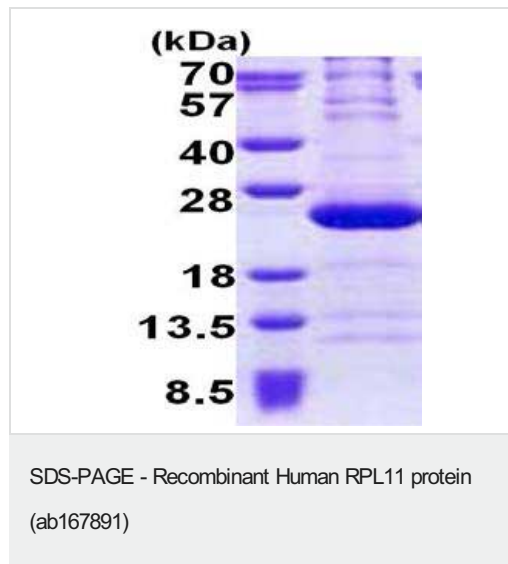
### 序列相似性

Belongs to the ribosomal protein L5P family.

### 细胞定位

Nucleus > nucleolus.

## 图片



15% SDS-PAGE of ab167891 (3µg)

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

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