

### Recombinant Human PSPH protein ab48755

#### 1 图像

#### 描述

产品名称	重组人PSPH蛋白
纯度	> 95 % SDS-PAGE. Recombinant human PSPH was overexpressed in E. coli and purified by conventional chromatography.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MVSHSELRKL FYSADAVCFD VDSTVIREEG IDELAKICGV EDAVSEMTRR AMGGAVPFKA ALTERLALIQ PSREQVQLI AEQPPHLTPG IRELVSRMQE RNVQVFLISG GFRSIVEHVA SKLNIPATNV FANRLKFYFN GEYAGFDETQ PTAESGGK GK VIKLLKEKFH FKKIIMIGDG ATDMEACPPA DAFIGFGGNV IRQQVKDNAK WYITDFVELL GELEE
氨基酸	1 to 225

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab48755** 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
形式	Liquid
补充说明	Previously labelled as Phosphoserine phosphatase.

#### 制备和贮存

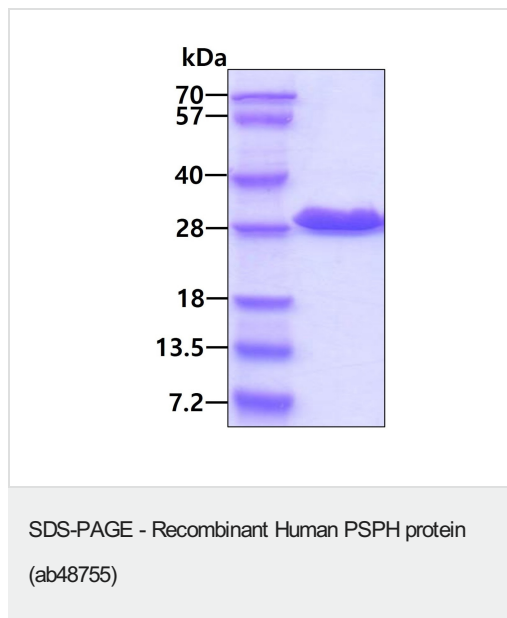
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.4
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Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.476% HEPES

## 常规信息

<b>功能</b>	Catalyzes the last step in the biosynthesis of serine from carbohydrates. The reaction mechanism proceeds via the formation of a phosphoryl-enzyme intermediates.
<b>通路</b>	Amino-acid biosynthesis; L-serine biosynthesis; L-serine from 3-phospho-D-glycerate: step 3/3.
<b>疾病相关</b>	Defects in PSPH are the cause of phosphoserine phosphatase deficiency (PSPHD) [MIM:614023]. A disorder that results in pre- and postnatal growth retardation, moderate psychomotor retardation and facial features suggestive of Williams syndrome.
<b>序列相似性</b>	Belongs to the SerB family.

## 图片



SDS-PAGE analysis of ab48755 (3 µg).

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

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