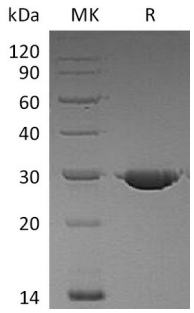
Product Name: Recombinant Human PSP (C-6His)
Catalog #: PEH1399

概述（Summary）

英文全称	PSP/Phosphoserine phosphatase
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Phosphoserine Phosphatase is produced by our E.coli expression system and the target gene encoding Met1-Glu225 is expressed with a 6His tag at the C-terminus.
Accession #	P78330
蛋白标签（Tag）	
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	26.07 KDa
蛋白形态（Form）	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 4M Urea, 5mM EDTA, pH 8.0.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	

电泳图（SDS-PAGE image）



背景（Background）

Product Name: Recombinant Human PSP (C-6His)
Catalog #: PEH1399

分子别名（Alternative Names）	Phosphoserine Phosphatase; PSP; PSPase; L-3-Phosphoserine Phosphatase; O-Phosphoserine Phosphohydrolase; PSPH
背景介绍（References）	Phosphoserine phosphatase (PSP) is an enzyme that belongs to the serB family. PSPH catalyzes magnesium-dependent hydrolysis of L-phosphoserine and is also involved in an exchange reaction between L-serine and L-phosphoserine. The reaction mechanism proceeds via the formation of a phosphoryl-enzyme intermediates. Deficiency of this protein is thought to be linked to Williams syndrome. A disorder that results in pre- and postnatal growth retardation, moderate psychomotor retardation and facial features suggestive of Williams syndrome.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.