

Recombinant Full Length Human PSPH Protein, MYC/DDK-tagged

Cat. No. PSPH-3088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSPH protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-225 a.a.
Description	The protein encoded by this gene belongs to a subfamily of the phosphotransferases. This encoded enzyme is responsible for the third and last step in L-serine formation. It catalyzes magnesium-dependent hydrolysis of L-phosphoserine and is also involved in an exchange reaction between L-serine and L-phosphoserine. Deficiency of this protein is thought to be linked to Williams syndrome.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	24.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PSPH phosphoserine phosphatase [Homo sapiens]
Official Symbol	PSPH
Synonyms	PSP; PSPHD
Gene ID	5723
mRNA Refseq	NM_004577
Protein Refseq	NP_004568
MIM	172480
UniProt ID	P78330

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