

## Product datasheet for **TP720145XL**

### Phosphoserine phosphatase (PSPH) (NM\_004577) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphoserine phosphatase (PSPH)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Glu225
Tag:	C-His
Predicted MW:	26.1 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_004568</a>
Locus ID:	5723
UniProt ID:	<a href="#">P78330</a> , <a href="#">A0A024RDL3</a>
Cytogenetics:	7p11.2
Synonyms:	PSP; PSPHD
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Glycine, serine and threonine metabolism, Metabolic pathways



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**Product images:**

