

**Phosphoserine phosphatase Human, Recombinant, E.coli**

**Cat.NO.: TP03398**

3th Edition

**Synonyms:**PSPH, PSP.

**Description:**Human Phosphoserine phosphatase (hPSP) is an important enzyme in the phosphorylated pathway of serine biosynthesis, which contributes a major portion of the endogenous L-serine. Similar to known L-3-phosphoserine phosphatases, it catalyzed the Mg<sup>2+</sup>-dependent hydrolysis of L-phosphoserine and an exchange reaction between L-serine and L-phosphoserine. Recently

**Form:**Liquid in 20 mM HEPES( pH 7.5), 1 mM DTT, 100 mM KCl<sub>2</sub>

**Molecular Weight:**25 kDa (225 aa)

**Sequences:**

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.