

## T Plastin/PLS3 Protein, Human (His)

Cat. No.:	HY-P77220
Synonyms:	Plastin-3; T-plastin; PLS3
Species:	Human
Source:	E. coli
Accession:	P13797 (G102-N375)
Gene ID:	5358
Molecular Weight:	30-34 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	T Plastin/PLS3, an actin-bundling protein, is located in various cellular structures such as intestinal microvilli, hair cell stereocilia, and fibroblast filopodia. It is implicated in potential regulatory functions related to bone development. Operating as a monomer, T Plastin/PLS3 suggests a versatile role in actin organization within distinct cellular contexts.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA