

## Marapsin/Pancreasin Protein, Human (HEK293, His)

Cat. No.:	HY-P77077
Synonyms:	Serine protease 27; Marapsin; Pancreasin; PRSS27; MPN
Species:	Human
Source:	HEK293
Accession:	Q9BQR3 (M1-K290)
Gene ID:	83886
Molecular Weight:	Approximately 42 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 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	The Marapsin/Pancreasin protein, is predominantly expressed in the pancreas. This specific tissue distribution suggests a specialized role for Marapsin/Pancreasin within pancreatic function. Given its association with the pancreas, this protein likely plays a role in processes related to pancreatic physiology, such as enzyme secretion, digestion, or maintenance of tissue homeostasis. Further exploration of Marapsin/Pancreasin's molecular functions and interactions within the pancreas could provide valuable insights into its contributions to pancreatic health and function, potentially uncovering its involvement in key aspects of digestive processes or regulatory mechanisms specific to this vital organ.
------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**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