

Pepsinogen A4/PGA4 Protein, Human (HEK293, His)

Cat. No.:	HY-P77136
Synonyms:	Pepsin A-4; Pepsinogen-4; PGA4
Species:	Human
Source:	HEK293
Accession:	P0DJ7 (I16-A388)
Gene ID:	643847
Molecular Weight:	Approximately 45 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m 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/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ 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	Pepsinogen A4/PGA4 protein exhibits a notably broad substrate specificity, with a preference for cleaving bonds involving phenylalanine and leucine. Despite this preference, it demonstrates the ability to cleave many other types of bonds to varying extents.
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Caution: Product has not been fully validated for medical applications. For research use only.

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