

## PRADC1 Protein, Human (HEK293, His)

Cat. No.:	HY-P7694
Synonyms:	rHuPRADC1, His; Protease-associated domain-containing protein 1; PRADC1; C2orf7
Species:	Human
Source:	HEK293
Accession:	Q9BSG0 (H22-W188)
Gene ID:	84279
Molecular Weight:	Approximately 28.0 kDa

### PROPERTIES

AA Sequence	<p>H G F R I H D Y L Y F Q V L S P G D I R Y I F T A T P A K D F G G I F H T R Y E</p> <p>Q I H L V P A E P P E A C G E L S N G F F I Q D Q I A L V E R G G C S F L S K T</p> <p>R V V Q E H G G R A V I I S D N A V D N D S F Y V E M I Q D S T Q R T A D I P A</p> <p>L F L L G R D G Y M I R R S L E Q H G L P W A I I S I P V N V T S I P T F E L L</p> <p>Q P P W T F W H H H H H H</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 20 mM PB, 150 mM NaCl, pH7.4.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	PRADC1 (also known as PAP21) is an ~30-kDa N-glycosylated secretory protein with a protease-associated domain. PRADC1 is secreted regulator of energy metabolism <sup>[1]</sup> .
------------	---

### REFERENCES

---

[1]. Susana Rodriguez, et al. PRADC1: a novel metabolic-responsive secretory protein that modulates physical activity and adiposity. FASEB J. 2019 Dec; 33(12): 14748-14759.

---

**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