

PRADC1 Protein, Human, Recombinant (His)

General Information

Synonyms:	Protease-associated domain-containing protein of 21 kDa;Protease-associated domain-containing protein 1;UNQ833/PRO1760;C2orf7;PAP21;Hpap21
Protein Construction:	His22-Trp188
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q9BSG0
Molecular Weight:	28 KDa (reducing condition)
AA Sequence:	His22-Trp188

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

PRADC1, also known as C2orf7 or PAP21, is short for Protease-associated domain-containing protein 1. It is a 188 aa. with a 21 aa. signal, and the 171 located Asn can be glycosylated. PRADC1 has two mutations which are N121Q and N171Q. This protein is secreted and highly expressed in skeletal muscle, heart and liver. It is expressed at intermediate level in kidney.

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