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Datasheet for ABIN1945415
PRADC1 Protein (AA 22-188) (His tag)

Overview

Quantity:	50 µg
Target:	PRADC1
Protein Characteristics:	AA 22-188
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRADC1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PRADC1/PAP21 (C-6His)
Sequence:	HGFRIHDYLY FQVLSPGDIR YIFTATPAKD FGGIFHTRYE QIHLVPAEPP EACGELSNGF FIQDQIALVE RGGCSFLSKT RVVQEHHGRA VIISDNAVND DSFYVEMIQD STQRTADIPA LFLGRDGYM IRRSLEQHGL PWAISIPVN VTSIPTFELL QPPWTFWVDH HHHHH
Characteristics:	Recombinant Human Protease-associated domain-containing protein 1/PRADC1 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (AA 22-188) of Human MDP2 fused with a polyhistidine tag at the C-termin
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PRADC1
Alternative Name:	C2orf7-PRADC1 (PRADC1 Products)
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 mutagenesis 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.
Molecular Weight:	20 kDa
UniProt:	Q9BSG0

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.