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Datasheet for ABIN7318124 **ACRV1 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	ACRV1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACRV1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SP-10/ACRV1 Protein (His Tag)
Sequence:	Gln22-Ile265
Characteristics:	Recombinant Human Acrosomal Protein SP-10 is produced by our Mammalian expression system and the target gene encoding Gln22-Ile265 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ACRV1
Alternative Name:	SP-10/ACRV1 (ACRV1 Products)
Background:	Background: Acrosomal Protein SP-10 is a testis-specific differentiation antigen that is associated with acrosomal membranes and matrix of mature sperm. It has been detected in

Target Details

several species including humans. Acrosomal Protein SP-10 may be involved in sperm-zona binding or penetration as a potential contraceptive vaccine immunogen for humans. ACRV1 is also an intra-acrosomal protein that is considered to be a vaccine candidate for immunocontraception.

Synonym: Acrosomal Protein SP-10, Acrosomal Vesicle Protein 1, ACRV1,D11S4365,SP-10,SPACA2

Molecular Weight: 26.9 kDa

UniProt: [P26436](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.