

## 32-7377: Recombinant Human Acrosomal Protein SP-10/ACRV1 (C-6His)

**Gene :** ACRV1  
**Gene ID :** 56  
**Uniprot ID :** P26436

### Description

Source: Human Cells.  
MW :26.9kD.

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. 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 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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.  
**Amino Acid :** QPNELSGSIDHQTSVQQLPGEFFSLENPSDAEALYETSSGLNLTSEHGSSEHGSSKHTVAEHTSGEHAESEHAS  
GEPAAATEHAEGEHTVGEQPSGEQPSGEHLSGEQPLSELESGEQPSDEQPSGEHGSGEQPSGEQASGEQPSGE  
HASGEQASGAPISSTSTGTILNLCYTCAYMNDQGKCLRGEGETCITQNSQQCMLKKIFEGGKLQFMVQGCENMCP  
SMNLFSGTRMQIICCRNQSFCKIVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.