

## Product datasheet for PH313557

### ACRV1 (NM\_020110) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ACRV1 MS Standard C13 and N15-labeled recombinant protein (NP_064495)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213557
Predicted MW:	11.2 kDa
Protein Sequence:	>RC213557 representing NM_020110 Red=Cloning site Green=Tags(s)  MNRFLLLMSLYLLGSARGTSSQPNELSGSIDHQTSVQQLPGTILNCYTCAYMNDQGKCLRGEGTCITQNS QQCMLKKIFEGGKLQFMVQGCENMCPNMNLF SHGTRMQIICCRNQSFCKNI  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_064495</a>
RefSeq Size:	906
RefSeq ORF:	363
Synonyms:	acrosomal vesicle protein 1; D11S4365; SP-10; SPACA2; sperm protein 10
Locus ID:	56
UniProt ID:	<a href="#">P26436</a>
Cytogenetics:	11q24.2



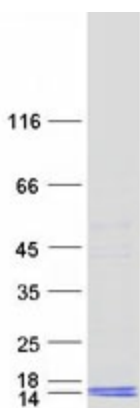
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**Summary:**

This gene encodes a testis-specific, differentiation antigen, acrosomal vesicle protein 1, that arises within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal membranes and matrix of mature sperm. The acrosomal vesicle protein 1 may be involved in sperm-zona binding or penetration. Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2010]

**Protein Families:**

Druggable Genome

**Product images:**

Coomassie blue staining of purified ACRV1 protein (Cat# [TP313557]). The protein was produced from HEK293T cells transfected with ACRV1 cDNA clone (Cat# [RC213557]) using MegaTran 2.0 (Cat# [TT210002]).