

## Product datasheet for PH322483

### ACRV1 (NM\_020107) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ACRV1 MS Standard C13 and N15-labeled recombinant protein (NP_064492)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222483
Predicted MW:	20 kDa
Protein Sequence:	>RC222483 representing NM_020107 Red=Cloning site Green=Tags(s)  MNRFLLLMSLYLLGSARGTSSQPNELSGSIDHQTSVQQLPGEPAAATEHAEGEHTVGEQPSGEQPSGEHLS GEQPLSELESGEQPSDEQPSGEHGSGEQPSGEQASGEQPSGEHASGEQASGAPISSTSTGTILNCYTCAY MNDQGKCLRGEGETCITQNSQQCMLKKIFEGGKLQFMVQGCENMCPMNLFSHGTRMQIICCRNQSFCKI  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_064492</a>
RefSeq Size:	1173
RefSeq ORF:	630
Synonyms:	D11S4365; SP-10; SPACA2
Locus ID:	56
UniProt ID:	<a href="#">P26436</a>



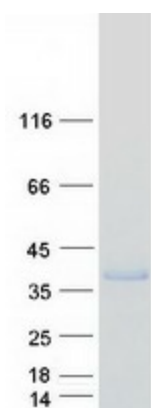
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Cytogenetics: 11q24.2

**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# [TP322483]). The protein was produced from HEK293T cells transfected with ACRV1 cDNA clone (Cat# [RC222483]) using MegaTran 2.0 (Cat# [TT210002]).