Recombinant Human ACRV1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACRV1-1805H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACRV1 MS Standard C13 and N15-labeled recombinant protein (NP_001603) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	28.2 kDa
AA Sequence	MNRFLLLMSLYLLGSARGTSSQPNELSGSIDHQTSVQQLPGEFFSLENPSDAEALYE TSSGLNTLSEHGSSEHGSSKHTVAEHTSGEHAESEHASGEPAATEHAEGEHTVGE QPSGEQPSGEHLSGEQPLSELESGEQPSDEQPSGEHGSGEQPSGEQASGEQPSG EHASGEQASGAPISSTSTGTILNCYTCAYMNDQGKCLRGEGTCITQNSQQCMLKKIF EGGKLQFMVQGCENMCPSMNLFSHGTRMQIICCRNQSFCNKITRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

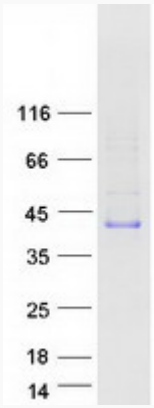
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ACRV1 acrosomal vesicle protein 1 [Homo sapiens (human)]
Official Symbol	ACRV1
Synonyms	ACRV1; acrosomal vesicle protein 1; acrosomal protein SP-10; D11S4365; SP 10; SPACA2; sperm protein 10; SP-10;
Gene ID	56
mRNA Refseq	NM_001612
Protein Refseq	NP_001603
MIM	102525
UniProt ID	P26436

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SDS-PAGE	

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