

Product datasheet for **AR09020PU-N**

Calcipressin-1 (Isoform B) (1-117) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Calcipressin-1 (Isoform B) (1-117) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MKLYFAQTLH IGSSHLAPPN PDKQFLISPP ASPPVGWKQV EDATPVINYD LLYAISKLGP GEKYELHAAT DTTPSVVVHV CESDQEKEEE EEMERMRRPK PKIIQTRRPE YTPIHLS
Predicted MW:	13 kDa
Concentration:	lot specific
Purity:	>90% >= 90% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.1M NaCl, 1 mM DTT, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DSCR1 was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	NCBI Accession: NP_981962
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001272318
Locus ID:	1827
UniProt ID:	P53805
Cytogenetics:	21q22.12
Synonyms:	ADAPT78; CSP1; DSC1; DSCR1; MCIP1; RCN1



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Summary:

The protein encoded by this gene interacts with calcineurin A and inhibits calcineurin-dependent signaling pathways, possibly affecting central nervous system development. This gene is located in the minimal candidate region for the Down syndrome phenotype, and is overexpressed in the brain of Down syndrome fetuses. Chronic overexpression of this gene may lead to neurofibrillary tangles such as those associated with Alzheimer disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013]

Protein Families:

Transcription Factors

Product images: