

Product datasheet for **AR50134PU-S**

Calcipressin-2 (1-197, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Calcipressin-2 (1-197, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPAPSMDCDV STLVACVDV EVFTNQEVKE KFEGLFRTYD DCVTFQLFKS FRRVRINFSN PKSAARARIE LHETQFRGKK LKLYFAQVQT PETDGDKLHL APPQPAKQFL ISPPSSPPVG WQPINDATPV LNYDLLYAVA KLGPGKEYEL HAGTESTPSV VHVCDSDIE EEEDPKTSPK PKIIQTRRPG LPPSVSN
Tag:	His-tag
Predicted MW:	24.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 0.2M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RCAN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001238902
Locus ID:	10231
UniProt ID:	Q14206
Cytogenetics:	6p12.3
Synonyms:	RCAN2, DSCR1L1, ZAKI4



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Summary:

This gene encodes a member of the regulator of calcineurin (RCAN) protein family. These proteins play a role in many physiological processes by binding to the catalytic domain of calcineurin A, inhibiting calcineurin-mediated nuclear translocation of the transcription factor NFATC1. Expression of this gene in skin fibroblasts is upregulated by thyroid hormone, and the encoded protein may also play a role in endothelial cell function and angiogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]

Product images: