

Product datasheet for **AR09196PU-N**

Calumenin (20-315, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Calumenin (20-315, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MKPTEKKDRV HHEPQLSDKV HNDAQSFDYD HDAFLGAEAA KTFDQLTPEE SKERLGKIVS KIDGDKDGFV TVDELKDWIK FAQRWIYED VERQWKGHDL NEDGLVSWEE YKNATYGYVL DDPDPDDGFN YKQMMVRDER RFKMADKGDG LIATKEEFTA FLHPEEYDYM KDIVVQETME DIDKNADGFI DLEEYIGDMY SHDGNTDEPE WVKTEREQFV EFRDKNRDGK MDKEETKDWI LPSDYDHAEA EARHLVYESD QNKDGLTKTE EIVDKYDLFV GSQATDFGEA LVRHDEF
Tag:	His-tag
Predicted MW:	37.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Calumenin protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001124146</u>
Locus ID:	813
UniProt ID:	<u>O43852</u> , <u>A0A024R755</u> , <u>D6QS48</u>
Cytogenetics:	7q32.1



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Summary:

The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]

Protein Families:

Secreted Protein

Product images: