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Product datasheet for AR09453PU-N

S100A9 / Calgranulin-B / MRP14 (1-114, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	S100A9 / Calgranulin-B / MRP14 (1-114, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MTCKMSQLER NIETIINTFH QYSVKLGHPD TLNQGEFKEL VRKDLQNFLK KENKNEKVIE HIMEDLDTNA DKQLSFEEFI MLMARLTWAS HEKMHEGDEG PGHHHKPGLG EGTPLEHHHH HH
Tag:	His-tag
Predicted MW:	14.3 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, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant S100A9 protein, fused to *His-tag* at C-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.
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:	NP_002956
Locus ID:	6280
UniProt ID:	P06702
Cytogenetics:	1q21.3
Synonyms:	60B8AG; CAGB; CFAG; CGLB; L1AG; LIAG; MAC387; MIF; MRP14; NIF; P14

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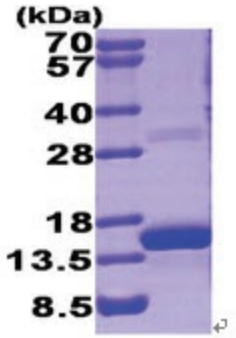
Summary: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity. [provided by RefSeq, Nov 2014]

Product images:



15% SDS-PAGE (3ug)