

Product datasheet for **AR09909PU-N**

S100A14 (1-104, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	S100A14 (1-104, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSSLVPRGSH</u> MGQCRSANAE DAQEFSDVER AIETLIKNFH QYSVEGGKET LTPSELRLDV TQQLPHLMPS NCGLEEKIAN LGSCNDSKLE FRSFWELIGE AAKSVKLERP VRGH
Tag:	His-tag
Predicted MW:	13.8 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human S100A14 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 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_065723</u>
Locus ID:	57402
UniProt ID:	<u>Q9HCY8</u>
Cytogenetics:	1q21.3
Synonyms:	BCMP84; S100A15



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Summary:

This gene encodes a member of the S100 protein family which contains an EF-hand motif and binds calcium. The gene is located in a cluster of S100 genes on chromosome 1. Levels of the encoded protein have been found to be lower in cancerous tissue and associated with metastasis suggesting a tumor suppressor function (PMID: 19956863, 19351828). [provided by RefSeq, Dec 2011]

Product images: