

## Product datasheet for **AR09958PU-N**

### **S100A16 (1-103, His-tag) Human Protein**

#### Product data:

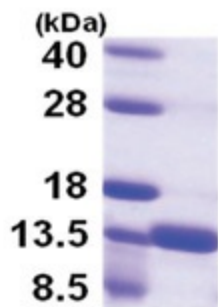
Product Type:	Recombinant Proteins
Description:	S100A16 (1-103, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SGLVPRGSH</u> MSDCYTELEK AVIVLVENFY KYVSKYSLVK NKISKSSFRE MLQKELNHML SDTGNRKAAD KLIQNLDANH DGRISFDEYW TLIGGITGPI AKLIHEQEQQ SSS
Tag:	His-tag
Predicted MW:	13.9 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 1 mM DTT, 40% glycerol, 0.2M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human S100A16 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_001303936</u>
Locus ID:	140576
UniProt ID:	<u>Q96FQ6</u>
Cytogenetics:	1q21.3
Synonyms:	AAG13; DT1P1A7; S100F



[View online »](#)

**Summary:**

Calcium-binding protein. Binds one calcium ion per monomer (PubMed:17030513). Can promote differentiation of adipocytes (in vitro) (By similarity). Overexpression in preadipocytes increases their proliferation, enhances adipogenesis and reduces insulin-stimulated glucose uptake (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**

15% SDS-PAGE (3ug)