

[Go to Product page](#)

Datasheet for ABIN7504957 **S100P Protein (AA 1-95) (His tag)**

Overview

Quantity:	100 µg
Target:	S100P
Protein Characteristics:	AA 1-95
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100P protein is labelled with His tag.

Product Details

Sequence:	Met1-Lys95
Characteristics:	A DNA sequence encoding the Human Protein S100P protein (P25815) (1M-95K) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.

Target Details

Target:	S100P
Alternative Name:	S100P (S100P Products)
Background:	Background: May function as calcium sensor and contribute to cellular calcium signaling. In a calcium-dependent manner, functions by interacting with other proteins, such as EZR and PPP5C, and indirectly plays a role in physiological processes like the formation of microvilli in epithelial cells. May stimulate cell proliferation in an autocrine manner via activation of the

Target Details

	receptor for activated glycation end products (RAGE). Synonym: MIG9,Migration inducing gene 9,Protein S100-E,Protein S100-P,S100 calcium binding protein P,S100 calcium-binding protein P,S100 P,S100E,S100P,S100P
Molecular Weight:	11.8 kDa
UniProt:	P25815
Pathways:	Regulation of Muscle Cell Differentiation , Toll-Like Receptors Cascades , S100 Proteins

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months