

Datasheet for ABIN667107
s100a4 Protein (AA 1-101) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	s100a4 (S100A4)
Protein Characteristics:	AA 1-101
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This s100a4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	S100A4, 1-101 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	s100a4 (S100A4)
Alternative Name:	S100A4 (S100A4 Products)
Background:	S100A4, also known as S100 calcium-binding protein A4, belongs to the S100 super-family of proteins containing 2 EF-hand calcium binding domains. This protein is ubiquitously overexpressed and is localized in the cytoplasm and/or nucleus. S100A4 may play a role in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of the S100A4 gene have been implicated in tumor metastasis. Recombinant

Target Details

human S100A4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: S100 calcium-binding protein A4, 18A2, 42A, CAPL, FSP1, MTS1, P9KA, PEL98, Metastasin, S100A4, S100 calcium-binding protein A4 Protein S100 A4, S100 calcium binding protein A4. NCBI no.: NP_002952

Molecular Weight: 13.8 kDa (121aa), confirmed by MALDI-TOF.

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

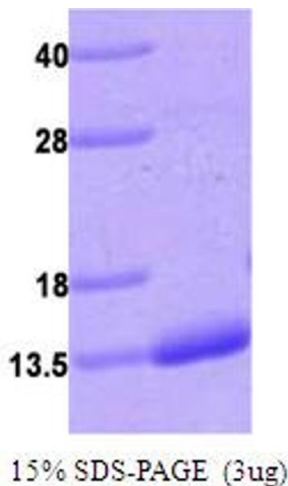
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.

Storage: 4 °C

Images



SDS-PAGE

Image 1.