

S100A4 recombinant protein

S100A4, 1-101aa, Human, His tag, E Coli

CATALOG # AAA48536	HOST E Coli	APPLICATIONS SDS-Page
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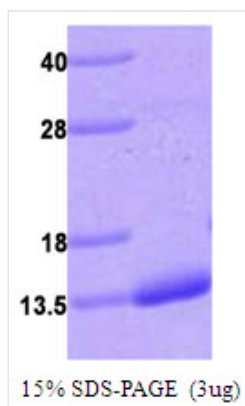
PRODUCT SYNONYMS

S100A4; 1-101aa; Human; His tag; E Coli; S100 calcium-binding protein A4; 18A2; 42A; CAPL; FSP1; MTS1; P9KA; PEL98; Metastasin; S100 calcium-binding protein A4 Protein S100 A4; S100 calcium binding protein A4.; S100A4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MACPLEKALD VMVSTFHKYS GKEGDKFKLN KSELKELLTR ELPSFLGKRT DEAAFQKLMS NLDSNRDNEV DFQEYCVFLS CIAMMCNEFF EGFPDKQPRK K
Sequence Length	101
Applicable Applications for S100A4 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for S100A4 recombinant protein	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 human S100A4 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for S100A4 recombinant protein	Cancer
References	Sherbet GV., et al. (2009) Cancer Lett. 280 (1):15-30.; Ambartsumian N., et al. (1995) Gene. 159 (1):125-30.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506765
NCBI GeneID	6275
NCBI Accession #	NP_002952
NCBI GenBank Nucleotide #	NM_002961.2
UniProt Accession #	P26447; Q6ICP8; A8K7R8; D3DV46
Molecular Weight	13.8 kDa (121aa), confirmed by MALDI-TOF.
NCBI Official Full Name	protein S100-A4
NCBI Official Synonym Full Names	S100 calcium binding protein A4
NCBI Official Symbol	S100A4
NCBI Official Synonym Symbols	42A; 18A2; CAPL; FSP1; MTS1; P9KA; PEL98
NCBI Protein Information	protein S100-A4
UniProt Protein Name	Protein S100-A4
UniProt Gene Name	S100A4
UniProt Synonym Gene Names	CAPL; MTS1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.