

S100A16 recombinant protein

S100A16, 1-103aa, Human, His tag, E Coli

CATALOG # AAA48675	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

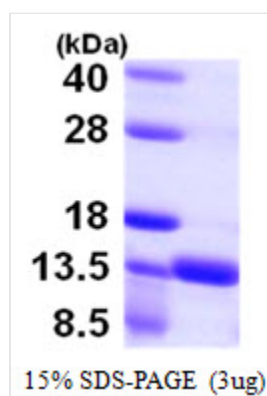
PRODUCT SYNONYMS

S100A16; 1-103aa; Human; His tag; E Coli; S100 calcium binding protein A16; AAG13; S100F; S100A16 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 0.2M NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MSDCYTELEK AVIVLVENFY KYVSKYSLVK NKISKSSFRE MLQKELNHML SDTGNRKAAD KLIQNLDANH DGRISFDEYW TLIGGITGPI AKLIHEQEQQ SSS
Sequence Length	103
Applicable Applications for S100A16 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 S100A16 recombinant protein	S100 calcium binding protein A16, also known S100A16, is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. Intracellularly, S100A16 is both nuclear and cytoplasmic and apparently exists as a homodimer, trimer and tetramer. It contains two EF-hand motifs with only one high-affinity Ca-binding site and apparently undergoes phosphorylation at Ser103. Recombinant human S100A16 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for S100A16 recombinant protein	Cell Cycle
References	Marenholz I., et al. (2004) Biochem Biophys Res Commun. 313 (2):237-44.; Sturchler E., et al. (2006) J Biol Chem. 281 (50):38905-17.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17933772
NCBI GeneID	140576
NCBI Accession #	NP_525127
NCBI GenBank Nucleotide #	NM_080388.2
UniProt Accession #	Q96FQ6; Q5RHS6; A8K439; D3DV52
Molecular Weight	13.9 kDa (123aa), confirmed by MALDI-TOF
NCBI Official Full Name	protein S100-A16
NCBI Official Synonym Full Names	S100 calcium binding protein A16
NCBI Official Symbol	S100A16
NCBI Official Synonym Symbols	AAG13; S100F; DT1P1A7
NCBI Protein Information	protein S100-A16
UniProt Protein Name	Protein S100-A16
UniProt Gene Name	S100A16

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/s100a16-recombinant-protein-e-coli-sds-page/48675>