

S100A6 recombinant protein

S100A6, 1-90aa, Human, His tag, E Coli

CATALOG # AAA48690	HOST E Coli	APPLICATIONS SDS-Page
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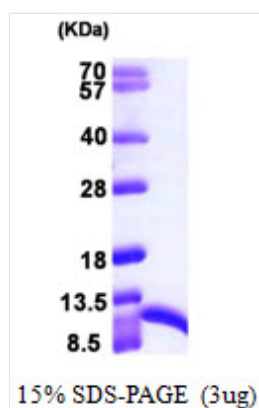
PRODUCT SYNONYMS

S100A6; 1-90aa; Human; His tag; E Coli; S100 calcium binding protein A6; 2A9; 5B10; CABP; CACY; PRA; S100A6 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 0.1M NaCl, 1mM DTT, 30% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MACPLDQAIG LLVAIFHKYS GREGDKHTLS KKEKELIQK ELTIGSKLQD AEIARLMEDL DRNKDQEVNF QEYVTF LGAL ALIYNEALKG
Sequence Length	90
Applicable Applications for S100A6 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 S100A6 recombinant protein	S100A6, also known as CACY, is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or 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. This protein may function as calcium sensor and contribute to cellular calcium signaling. Recombinant human S100A6 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for S100A6 recombinant protein	Cell Cycle
References	Kim EH., et al. (2010) Oncogene. 29 (33):4725-31.; Van Dieck J., et al. (2009) J Biol Chem. 284 (20):13804-11.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657532
NCBI GeneID	6277
NCBI Accession #	NP_055439
NCBI GenBank Nucleotide #	NM_014624.3
UniProt Accession #	P06703; Q5RHS4; D3DV39
Molecular Weight	12.3 kDa (110aa) confirmed by MALDI-TOF
NCBI Official Full Name	protein S100-A6
NCBI Official Synonym Full Names	S100 calcium binding protein A6
NCBI Official Symbol	S100A6
NCBI Official Synonym Symbols	2A9; PRA; 5B10; CABP; CACY; S10A6
NCBI Protein Information	protein S100-A6
UniProt Protein Name	Protein S100-A6
UniProt Gene Name	S100A6
UniProt Synonym Gene Names	CACY; PRA

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.