

S100A10 recombinant protein

S100A10, 1-97aa, Human, His tag, E Coli

CATALOG # AAA48694	HOST E. coli	APPLICATIONS SDS-Page
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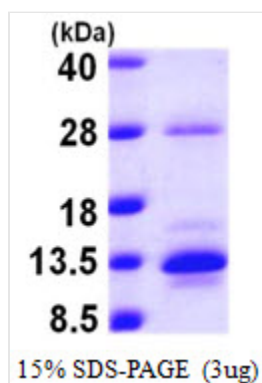
PRODUCT SYNONYMS

S100A10; 1-97aa; Human; His tag; E Coli; S100 calcium binding protein A10; 42C; ANX2L; ANX2LG; CAL1; CLP11 GP11; p10; P11; S100A10 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 0.1M NaCl, 0.1mM PMSF
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence Positions	1-97aa
Sequence	MGSSHHHHHH SSSLVPRGSH MPSQMEHAME TMMFTFHKFA GDKGYLTKED LRVLMEKEFP GFLENQKDPL AVDKIMKDLD QCRDGKVGFG SFFSLIAGLT IACNDYFVVH MKQKGKK
Applicable Applications for S100A10 recombinant protein	SDS-PAGE
Tag Information	His-Tag
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for S100A10 recombinant protein	S100 calcium binding protein A10, also known S100A10, 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. S100A10 is primarily found in mast cells as heterotetrameric complexes that are present intracellularly at the plasma membrane or on the extracellular cell surface. Extracellular S100A10 is a key plasminogen receptor that plays an important role in cellular plasmin production and cellular invasiveness. Recombinant human S100A10 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for S100A10 recombinant protein	Signal Transduction
References	Ei Rifai W., et al. (2000) Cancer Res. 62:6823-6826.; Gattaz W F., et al. (2000) Schizo Res. 43:91-5.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506761
NCBI GeneID	6281
NCBI Accession #	NP_002957
NCBI GenBank Nucleotide #	NM_002966.2
UniProt Accession #	P60903 ; P08206 ; Q5T1C5 ; A8K4V8
Molecular Weight	13.3 kDa (117aa) confirmed by MALDI-TOF
NCBI Official Full Name	protein S100-A10
NCBI Official Synonym Full Names	S100 calcium binding protein A10
NCBI Official Symbol	S100A10
NCBI Official Synonym Symbols	42C; P11; p10; GP11; ANX2L; CAL1L; CLP11; Ca[1]; ANX2LG
NCBI Protein Information	protein S100-A10
UniProt Protein Name	Protein S100-A10
UniProt Gene Name	S100A10
UniProt Synonym Gene Names	ANX2LG; CAL1L; CLP11

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.