

S100 Calcium Binding Protein A4 Recombinant Protein | S100A4 recombinant protein

Recombinant Human S100 Calcium Binding Protein A4 His Tag

CATALOG # AAA38649	HOST E Coli
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PRODUCT SYNONYMS

S100 Calcium Binding Protein A4; Recombinant Human S100 Calcium Binding Protein A4 His Tag; S100A4 Human; His; S100 Calcium-Binding Protein A4 Human Recombinant; His Tag; Protein S100-A4; S100 calcium-binding protein A4; Metastasin; Protein Mts1; Placental calcium-binding protein; Calvasculin; S100A4; CAPL; MTS1; 42A; 18A2; FSP1; P9KA; PEL98; S100A4 His; S100A4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	S100A4 protein at in 20mM Tris-HCl, pH-8 & 10% Glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMAC PLEKALDVMV STFHKYSGKE GDKFKLNKSE LKELLTRELP SFLGKRTDEA AFQKLMSNLD SNRDNEVDFQ EYCVFLSCIA MMCNEFFEGF PDKQPRKK
Sequence Length	101
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for S100A4 recombinant protein	Description: S100A4 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 121 amino acids (1-101) and having a molecular mass of 13.8 kDa. The S100A4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: S100A4 is part of the S100 super-family of proteins containing 2 EF-hand calcium binding domains. S100A4 is ubiquitously overexpressed and is localized in the cytoplasm and/or nucleus. S100A4 is involved in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of the S100A4 gene have been implicated in tumor metastasis.
Product Categories/Family for S100A4 recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Calcium Binding Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506765
NCBI GeneID	6275
NCBI Accession #	NP_002952.1
NCBI GenBank Nucleotide #	NM_002961.2
UniProt Accession #	P26447; Q6ICP8; A8K7R8; D3DV46
Molecular Weight	11,729 Da
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; S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog); fibroblast-specific protein-1; leukemia multidrug resistance associated protein; malignant transformation suppression 1; placental calcium-binding protein; protein Mts1
UniProt Protein Name	Protein S100-A4
UniProt Gene Name	S100A4
UniProt Synonym Gene Names	CAPL; MTS1
UniProt Entry Name	S10A4_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/s100a4-recombinant-protein-e-coli/38649>