

Recombinant Human S100A4

Cat. No. S100A4-31367TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human S100A4, 101 amino acids, 12kDa.
Species	Human
Source	E.coli
Description	<p>The protein encoded by this gene 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. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.</p>
Tissue specificity	Ubiquitously expressed.
Biological activity	S100A4-31367TH is S100A4 antibody reactive.
Form	Liquid
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5 BSA and Azide free

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the S-100 family.Contains 2 EF-hand domains.
Full Length	Full L.
GENE INFORMATION	
Gene Name	S100A4 S100 calcium binding protein A4 [Homo sapiens]
Official Symbol	S100A4
Synonyms	S100A4; S100 calcium binding protein A4; CAPL, MTS1, S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog) , S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homol
Gene ID	6275
mRNA Refseq	NM_002961
Protein Refseq	NP_002952
MIM	114210
Uniprot ID	P26447
Chromosome Location	1q12-q22

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Function

RAGE receptor binding; calcium ion binding; calcium-dependent protein binding; identical protein binding; protein binding;

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