

Recombinant Mouse S100a10 Protein, His-tagged

Cat. No. S100a10-7319M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100a10 protein with a His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-97
Description	Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.
Form	Liquid
Molecular Mass	13.6 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSMPSQMEHAMETMMLTFHRFAGDKDHLTKEDL RVLMEREFPGFLENQKDPLAVDKIMKDLQCRDGKVGFSFLSLVAGLTIACNDYFV VNMKQKGKK
Purity	> 90 % by SDS-PAGE
Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade

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for longer. Avoid repeated freezing and thawing.

Concentration 1.0 mg/mL (determined by bradford assay)

Storage Buffer Phosphate buffered saline (pH 7.4) containing 10 % glycerol.

GENE INFORMATION

Gene Name S100a10 S100 calcium binding protein A10 (calpactin) [Mus musculus (house mouse)]

Official Symbol S100a10

Synonyms S100a10; S100 calcium binding protein A10 (calpactin); Ca; p1; 42C; CAL; CLP; p10; p11; CAL12; CLP11; Cal1l; AA409961; AL024248; protein S100-A10; S100 calcium binding protein A10 (calgizzarin); S100 calcium-binding protein A10; calcium binding protein A11 (calgizzarin); calpactin I light chain; calpactin-1 light chain; cellular ligand of annexin II

Gene ID 20194

mRNA Refseq NM_009112

Protein Refseq NP_033138

UniProt ID P08207

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SDS-PAGE

