

Recombinant Mouse S100a4

Cat. No. S100a4-532M Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse S100A4 (P07091)(Ala2-Lys101) was expressed and purified with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Mouse
Source	Human Cells
ProteinLength	Ala2-Lys101
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse S100A4 consists of 102 amino acids and predicts a molecular mass of 11.7 KDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	S100a4 S100 calcium binding protein A4 [Mus musculus]
Official Symbol	S100a4
Synonyms	S100A4; S100 calcium binding protein A4; protein S100-A4; calvasculin; protein 18A2; protein Mts1; metastatic cell protein; S100 calcium-binding protein A4; placental calcium-binding protein; 42a; 18A2; Capl; FSp1; Mts1; pk9a; PeL98; metastasin;
Gene ID	20198
mRNA Refseq	NM_011311
Protein Refseq	NP_035441
Function	RAGE receptor binding; calcium ion binding; calcium-dependent protein binding; identical protein binding; protein binding;

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