

## Recombinant Mouse S100a4

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	Human Cells
<b>ProteinLength</b>	Ala2-Lys101
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C
<b>Storage</b>	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.

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## GENE INFORMATION

<b>Gene Name</b>	S100a4 S100 calcium binding protein A4 [ Mus musculus ]
<b>Official Symbol</b>	S100a4
<b>Synonyms</b>	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; Cap1; FSp1; Mts1; pk9a; PeL98; metastasin;
<b>Gene ID</b>	20198
<b>mRNA Refseq</b>	NM_011311
<b>Protein Refseq</b>	NP_035441
<b>Function</b>	RAGE receptor binding; calcium ion binding; calcium-dependent protein binding; identical protein binding; protein binding;

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