Recombinant Mouse S100a14 Protein, Myc/DDK-tagged

Cat. No. S100a14-5667M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length S100 calcium binding protein A14 (S100a14), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Modulates P53/TP53 protein levels, and thereby plays a role in the regulation of cell survival and apoptosis. Depending on the context, it can promote cell proliferation or apoptosis. Plays a role in the regulation of cell migration by modulating the levels of MMP2, a matrix protease that is under transcriptional control of P53/TP53. Does not bind calcium.
Molecular Mass	6.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	S100a14 S100 calcium binding protein A14 [Mus musculus (house mouse)]
Official Symbol	S100a14
Synonyms	S100A14; S100 calcium binding protein A14; protein S100-A14; S100 calcium binding protein A15; S100 calcium-binding protein A14; S114; S100a15; 1110013O05Rik
Gene ID	66166
mRNA Refseq	NM_001163526
Protein Refseq	NP_001156998
UniProt ID	Q9D2Q8

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