

Recombinant Mouse S100a16 Protein, Myc/DDK-tagged

Cat. No. S100a16-5668M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length S100 calcium binding protein A16 (S100a16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Calcium-binding protein. Binds one calcium ion per monomer. Can promote differentiation of adipocytes (in vitro). Overexpression in 3T3-L1 preadipocytes increases their proliferation, enhances adipogenesis and reduces insulin-stimulated glucose uptake.
Molecular Mass	14.8 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	S100a16 S100 calcium binding protein A16 [Mus musculus (house mouse)]
Official Symbol	S100a16
Synonyms	S100A16; S100 calcium binding protein A16; S100F; DT1P1A7; AI325039; AI663996; 2300002L21Rik
Gene ID	67860
mRNA Refseq	NM_026416
Protein Refseq	NP_080692
UniProt ID	Q9D708

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