

Recombinant Mouse S100a6 Protein, Myc/DDK-tagged

Cat. No. S100a6-5670M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length S100 calcium binding protein A6 (calyculin) (S100a6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative.
Molecular Mass	10.5 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 S100a6 S100 calcium binding protein A6 (calcyclin) [Mus musculus (house mouse)]

Official Symbol S100a6

Synonyms S100A6; S100 calcium binding protein A6 (calcyclin); protein S100-A6; S100 calcium-binding protein A6; prolactin receptor-associated protein; calcium binding protein A6 (calcyclin); 2A9; PRA; 5B10; Cacy; CALCYCLIN

Gene ID 20200

mRNA Refseq NM_011313

Protein Refseq NP_035443

UniProt ID P14069

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