

Native Mouse S100A6

Cat. No. S100a6-43M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	S100A6 also called Calcyclin has been purified by HPLC (see Kuznicki et al. (1989) Biochem. J. 263: 951-956).
Species	Mouse
Form	The protein was lyophilized from a concentrated solution (1mg/ml) containing no additives.
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	Direct ELISA; Western blot; Functional Assays (Blocking/Inhibition);
Usage	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Storage	Lyophilized Mouse S100A6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse S100A6 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized Mouse S100A6 in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

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GENE INFORMATION

Gene Name	S100a6 S100 calcium binding protein A6 (calcyclin) [Mus musculus]
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
Pathway	Prostaglandin Synthesis and Regulation, organism-specific biosystem;
Function	S100 beta binding; calcium ion binding; calcium ion binding; calcium-dependent protein binding; ion transmembrane transporter activity; metal ion binding; protein binding; protein homodimerization activity; tropomyosin binding; zinc ion binding;

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