



Catalog: OM297512

Scan to get more validated information



CASQ2 Dog

Catalog: OM297512

☐ 2µg ☐ 5µg ☐ 10µg

Product profile

Product name	CASQ2 Dog
Product description	Calsequestrin is the major calcium storage protein of the sarcoplasmic reticulum. Intraluminal Ca^{2+} binds to calsequestrin during diastole to prevent Ca^{2+} precipitation and to lower its free ionic concentration to facilitate efficient storage. During systole, Calsequestrin coordinately releases ~40-50 Ca^{2+} ions per molecule for each contraction-relaxation cycle by an uncertain mechanism. Calsequestrin has been shown to be of major importance in the regulation of cardiac excitation-contraction coupling.

Target Information

Source	Dog Heart.
--------	------------

Database Links

SwissProt ID	P12637
--------------	--------

Additional Information

Storage Instructions	Lyophilized CASQ2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution CASQ2 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.
Storage Buffer	The protein was lyophilized from a concentrated solution (1mg/ml) containing 10mM Tris-HCl and 1mM EDTA.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

OmnimAbs.com

order@Omnimabs.com

506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1

year from date of receipt

