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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CASQ2 (Human) Recombinant Protein (P01)

Catalog Number: H00000845-P01

Regulation Status: For research use only (RUO)

Product Description: Human CASQ2 full-length ORF (AAH22288, 20 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
EEGLNFPTYDGKDRVVSLSSEKNFKQVLKKYDLLCLYY  
HEPVSSDKVTQKQFQLKEIVLELVAQVLEHKAIGFVMV  
DAKKEAKLAKKLGFDDEEGSLYILKGDRTIEFDGEFAAD  
VLVEFLLDLIEDPVEIISSEKLEVQAFERIEDYIKLIGFFKS  
EDSEYYKAFEEAAEHFQPYIKFFATFDKGVAKKLSLKM  
NEVDFYEPFMDEPIAIPNKPYTEEELVEFVKEHQRP  
RRLRPEEMFETWEDDLNGIHIVAFAEKSDPDGYEFLEI  
LKQVARDNTDNPDL SILWIDPDDFLLVAYWEKTFKIDL  
FRPQIGVVNVTADSVWMEIPDDDDLP TAAEELEDWIE  
DVLSGKINTEDDDEDDDDDDNSDEEDNDDSDDDDDDE
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 67.54

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 845

Gene Symbol: CASQ2

Gene Alias: FLJ26321, FLJ93514, PDIB2

Gene Summary: The protein encoded by this gene specifies the cardiac muscle family member of the calsequestrin family. Calsequestrin is localized to the sarcoplasmic reticulum in cardiac and slow skeletal muscle cells. The protein is a calcium binding protein that stores calcium for muscle function. Mutations in this gene cause stress-induced polymorphic ventricular tachycardia, also referred to as catecholaminergic polymorphic ventricular tachycardia 2 (CPVT2), a disease characterized by bidirectional ventricular tachycardia that may lead to cardiac arrest. [provided by RefSeq]