

Recombinant Human CALD1

Catalog No: #GP10229



Package Size: #GP10229-1 100ug

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Description

Product Name	Recombinant Human CALD1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 26-207 amino acids of human CALD1
Target Name	caldesmon 1
Other Names	CDM, HCAD, LCAD, H-CAD, L-CAD, NAG22
Accession No.	Swissprot:Q05682Gene Accession:BC040354
Uniprot	Q05682
GeneID	800;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca(2+)-calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase, and serves as a mediating factor for Ca(2+)-dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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