

ACTN2 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20894a**Specification**

ACTN2 Blocking Peptide (Center) - Product Information

Primary Accession [P35609](#)
Other Accession [Q9JI91](#), [P20111](#), [Q3ZC55](#)

ACTN2 Blocking Peptide (Center) - Additional Information

Gene ID 88

Other Names

Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2, F-actin cross-linking protein, ACTN2

Target/Specificity

The synthetic peptide sequence is selected from aa 352-366 of HUMAN ACTN2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ACTN2 Blocking Peptide (Center) - Protein Information

Name ACTN2

Function

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.

Cellular Location

Cytoplasm, myofibril, sarcomere, Z line. Note=Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle

Tissue Location

Expressed in both skeletal and cardiac muscle.

ACTN2 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ACTN2 Blocking Peptide (Center) - Images

ACTN2 Blocking Peptide (Center) - Background

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ACTN2 Blocking Peptide (Center) - References

Beggs A.H.,et al.J. Biol. Chem. 267:9281-9288(1992).
Tiso N.,et al.Biochem. Biophys. Res. Commun. 265:256-259(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Faulkner G.,et al.J. Cell Biol. 146:465-475(1999).