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# 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

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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).