

Recombinant Mouse Acta2, His-tagged

Cat. No. Acta2-3092M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Actin, aortic smooth muscle (Acta2)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	377
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Acta2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Acta2 actin, alpha 2, smooth muscle, aorta [Mus musculus]
Official Symbol	Acta2
Synonyms	ACTA2; actin, alpha 2, smooth muscle, aorta; actin, aortic smooth muscle; alpha-actin-2; actin, alpha, vascular smooth muscle; Actvs; a-SMA; SMalphaA; alphaSMA; 0610041G09Rik;
Gene ID	11475
mRNA Refseq	NM_007392
Protein Refseq	NP_031418
Pathway	Muscle contraction, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Smooth Muscle Contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem; Vascular smooth
Function	ATP binding; nucleotide binding;

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