

# Human ACTA2 Recombinant Protein



RPPB2698

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## Product Information    Protein Information

**Product SKU:**

RPPB2698

**Accession:**

P62736

**Host:**

E.coli.

**Protein description:**

ACTA2 Human Recombinant produced in E. coli is a single polypeptide chain containing 400 amino acids (3-377) and having a molecular mass of 44.4 kDa. ACTA2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Actin Alpha 2 Smooth Muscle Aorta, Cell Growth-Inhibiting Gene 46 Protein, Actin Aortic Smooth Muscle, Alpha-Cardiac Actin, Alpha-Actin-2, MYMY5, ACTSA, ACTVS, AAT6.

**Formulation:**

The ACTA2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSHMEEEDS TALVCDNGSG LCKAGFAGDD APRAVFPSIV GRPRHQGVMV  
GMGQKDSYVG DEAQSKRGIL TLKYPHEGI ITNWDDMEKI WHHSFYNELR VAPEEHPTLL TEAPLNPKAN  
REKMTQIMFE TFNVPAMYVA IQAVLSLYAS GRTTGIVLDS GDGVTHNVPI YEGYALPHAI MRLDLAGRDL  
TDYLMKILTE RGYSFVTAE REIVRDIKEK LCYVALDFEN EMATAASSSS LEKSYELPDG QVITIGNERF  
RCPETLFQPS FIGMESAGIH ETTYNSIMKC DIDIRKDLA NNVLSGGTTM YPGIADRMQK EITALAPSTM  
KIKIAPPER KYSVWIGGSI LASLSTFQQM WISKQEYDEA GPSIVHRKCF.