

Actin Alpha 2 Recombinant Protein | ACTa2 recombinant protein

Recombinant Actin Alpha 2, Smooth Muscle (ACTa2)

CATALOG # AAA144266	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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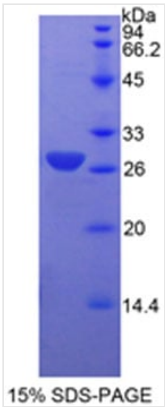
PRODUCT SYNONYMS

Actin Alpha 2; Recombinant Actin Alpha 2; Smooth Muscle (ACTa2); ACTa2 recombinant protein

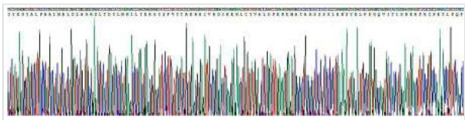
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	IYEGYALPHA IMRLDLAGRD LTDYLMKILT ERGYSFVTTA EREIVRDIKE KLCYVALDFE NEMATAASSS SLEKSYELPD GQVITIGNER FRCPETLFQP SFIGMESAGI HETTYNSIMK CDIDIRKDLY ANNVLSGGTT MYPGIADRMQ KEITALAPST MKIKIAPPE RKYSVWIGGS ILASLSTFQQ MWISKQEYDE AGPSIVHRKC F
Applicable Applications for ACTa2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Ile167~Phe377
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 27.6kDa Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/actin-alpha-2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144266>