

Rho Guanine Nucleotide Exchange Factor 7 Recombinant Protein | ARHGEF7 recombinant protein

Recombinant Rho Guanine Nucleotide Exchange Factor 7 (ARHGEF7)

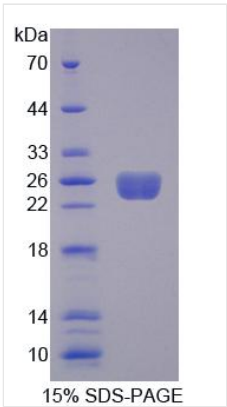
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145381	E.coli	Rattus norvegicus (Rat)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Rho Guanine Nucleotide Exchange Factor 7; Recombinant Rho Guanine Nucleotide Exchange Factor 7 (ARHGEF7); PAK3; BETA-PIX; COOL1; P50; P50BP; P85; P85SPR; PIXB; SH3 Domain-Containing Proline-Rich Protein; PAK-Interacting Exchange Factor Beta; ARHGEF7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 97%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 600ug/mL (varies by lot)
Sequence	MTDNANSQLV VRAKFNQQT NEDELSFSKG DVIHVTRVEE GGWWEGTHNG RTGWFPSNYV REIKPSEKPV SPKSGTLKSP PKGFDTTAIN KSYYNVVLQN ILETEHEYSK ELQSVLSTYL WPLQTSEKLS SANTSYLMGN LEEISSFQQV LVQSLEECTK SPEAQQRVGG CFLSLMPQMR TLYLAYCA
Applicable Applications for ARHGEF7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Ala188
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.5
Usage	Reconstitute in ddH ₂ O 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°C for one month. Aliquot and store at -80°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°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



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	165377089
NCBI GeneID	54126
NCBI Accession #	NP_001106990.1
NCBI GenBank Nucleotide #	NM_001113518.1
Molecular Weight	Predicted Molecular Mass: 25.0kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	rho guanine nucleotide exchange factor 7 isoform b
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor (GEF7)
NCBI Official Symbol	Arhgef7
NCBI Official Synonym Symbols	PIX; Cool; Pak3bp; cool-1; p85SPR; betaPix; p85Cool1; betaPix-b; betaPix-c; mKIAA0142
NCBI Protein Information	rho guanine nucleotide exchange factor 7
UniProt Protein Name	Rho guanine nucleotide exchange factor 7
UniProt Gene Name	Arhgef7
UniProt Synonym Gene Names	Kiaa0142; Pak3bp
UniProt Entry Name	ARHG7_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/arhgef7-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145381>