

Recombinant Rat Arhgef7 protein, His & T7-tagged

Cat. No. Arhgef7-1731R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Arhgef7 aa. (Met1~Ala188 (Accession # O55043)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Ala188
Description	Rac/Cdc42-specific guanine nucleotide exchange factor; mediates bFGF-induced neurite outgrowth.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

5.5

GENE INFORMATION

Gene Name

[Arhgef7](#) Rho guanine nucleotide exchange factor 7 [*Rattus norvegicus* (Norway rat)]

Official Symbol

[Arhgef7](#)

Synonyms

Arhgef7; Rho guanine nucleotide exchange factor 7; P85spr; Pak3bp; rho guanine nucleotide exchange factor 7; PAK-interacting exchange factor beta; Rho guanine nucleotide exchange factor (GEF) 7; beta-Pix

Gene ID

[114559](#)

mRNA Refseq

[NM_001113522.1](#)

Protein Refseq

[NP_001106994.1](#)

UniProt ID

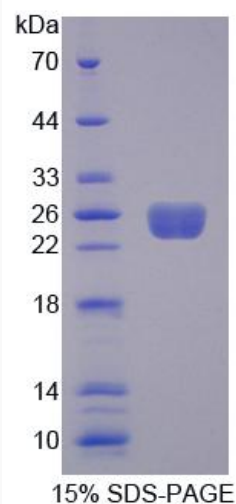
[O55043](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA