

Recombinant Rat Ap3s1 Protein, His-tagged

Cat. No. Ap3s1-192R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ap3s1 Protein (Met1-Arg162) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Arg162
Description	Predicted to be involved in anterograde synaptic vesicle transport and vesicle-mediated transport. Predicted to be located in membrane. Predicted to be part of AP-3 adaptor complex. Predicted to be active in intracellular membrane-bounded organelle. Orthologous to human AP3S1 (adaptor related protein complex 3 subunit sigma 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.4 kDa Accurate Molecular Mass: 22 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 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

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

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

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Ap3s1 adaptor-related protein complex 3, sigma 1 subunit [*Rattus norvegicus* (Norway rat)]

Official Symbol

Ap3s1

Synonyms

AP3S1; adaptor-related protein complex 3, sigma 1 subunit; AP-3 complex subunit sigma-1

Gene ID

302290

mRNA Refseq

NM_001106933

Protein Refseq

NP_001100403

UniProt ID

B2RZ62

 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