

Recombinant Rat Sit1 Protein, His-tagged

Cat. No. Sit1-1230R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sit1 Protein (Ser45-Ser178) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Ser45-Ser178
Description	Predicted to enable kinase binding activity. Predicted to be involved in regulation of T cell activation. Predicted to be integral component of membrane. Predicted to be active in plasma membrane. Orthologous to human SIT1 (signaling threshold regulating transmembrane adaptor 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.2 kDa; Accurate Molecular Mass: 18 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 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.

 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

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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

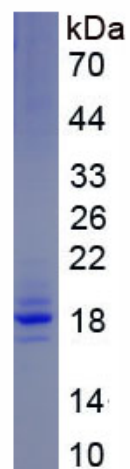
GENE INFORMATION

Gene Name	Sit1 signaling threshold regulating transmembrane adaptor 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Sit1
Synonyms	SIT1; signaling threshold regulating transmembrane adaptor 1; signaling threshold-regulating transmembrane adapter 1; suppression inducing transmembrane adaptor 1; suppression-inducing transmembrane adapter 1; SHP2-interacting transmembrane adapter protein;
Gene ID	500449
mRNA Refseq	NM_001024344
Protein Refseq	NP_001019515
UniProt ID	Q5M869

 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



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