

RP01251

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Recombinant Human STAT1 Protein

Catalog No.: RP01251

Recombinant

2 Publications

Sequence Information

Species Gene ID Swiss Prot

Baculovirus- 6772 P42224-2
Infected Sf9
Cells

Tags

C-His

Synonyms

CANDF7; IMD31A; IMD31B; IMD31C;
ISGF-3;
STAT91;STAT1;IMD31A;IMD31B;IMD31
C;ISGF-3;STAT91;STAT1 alpha

Product Information

Source Purification

Centrifuge the vial $\geq 90\%$ as
before opening. determined by
Reconstitute to a SDS-PAGE.
concentration of
0.1-0.5 mg/mL in
sterile distilled
water. Avoid vortex
or vigorously
pipetting the
protein. For long
term storage, it is
recommended to
add a carrier
protein or stabilizer
(e.g. 0.1% BSA, 5%
HSA, 10% FBS or
5% Trehalose), and
aliquot the
reconstituted
protein solution to
minimize free-thaw
cycles.

Endotoxin

< 1 EU/ μ g of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μ m filtered
solution of PBS, pH 7.4. Contact us for
customized product form or
formulation.

Background

Basic Information

Description

Recombinant Human STAT1 Protein is produced by Baculovirus-Infected Sf9 Cells expression system. The target protein is expressed with sequence (Met1-Val712) of human STAT1 (Accession #NP_644671.1) fused with a 6 $\times$ His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human STAT1 Protein at 1 μ g/mL (100 μ L/well) can bind STAT1 Rabbit mAb with a linear range of 0.195-1.295 ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

Reconstitution

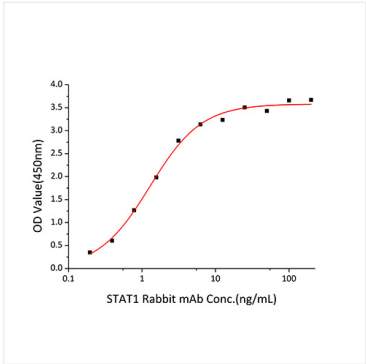
Centrifuge the vial before opening.
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

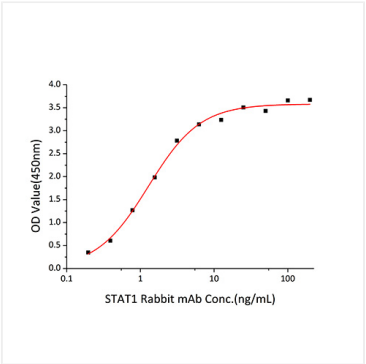


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Validation Data



Recombinant Human STAT1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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