

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

Baculovirus- > 92% by SDS-
Infected Sf9 Cells PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL
method.

Formulation

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

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.

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×His tag at the C-terminus.

Bio-Activity

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

Storage

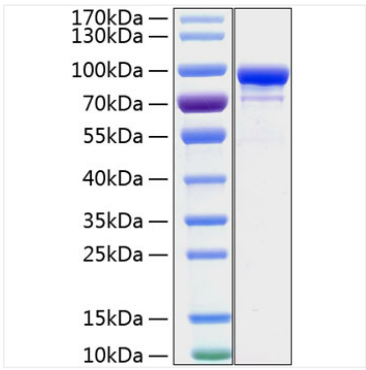
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact

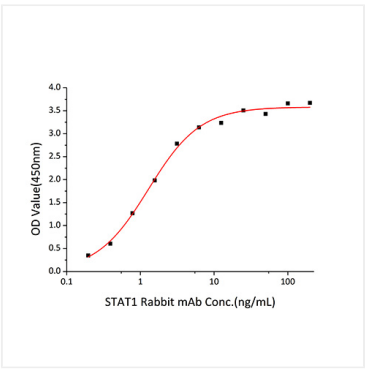


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Validation Data



Recombinant Human STAT1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 85-100 kDa.



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