Recombinant Human STAT1 Protein

Catalog No.: RP01251

Sequence Information

Species	Gene ID
Human	6772

Swiss Prot	Tags
P42224-2	C-His

Synonyms

CANDF7, IMD31A, IMD31B, IMD31C, ISGF-3, STAT91,STAT1, IMD31A,IMD31B,IMD31C,ISGF-3, STAT91,STAT1 alpha

Product Information

Source	Purification
Baculovirus-Infected Sf9 Cells	≥ 90 % as determined by SDS-PAGE.

Calculated MW	Observed MW
83.88 kDa	85-100 kDa

Endotoxin

< 1 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 stablizer (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.

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.

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.

Storage

Store at -20℃

Operational Notes

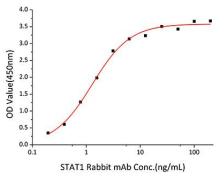
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

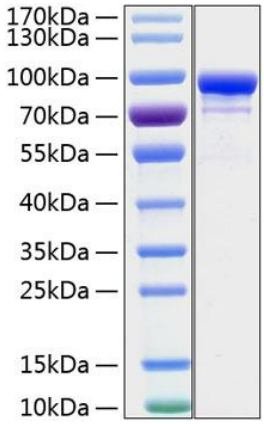
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Immobilized Recombinant 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.



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