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Datasheet for ABIN7417423  
**STAT3 Protein (AA 656-768) (His tag)**

### Overview

Quantity:	100 µg
Target:	STAT3
Protein Characteristics:	AA 656-768
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAT3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Positive Control (PC), Immunogen (Imm)

### Product Details

Sequence:	Gly656-Ser768
Characteristics:	Recombinant Signal Transducer And Activator Of Transcription 3 (STAT3), Prokaryotic expression, Gly656-Ser768, N-terminal His Tag
Purity:	> 95 %

### Target Details

Target:	STAT3
Alternative Name:	Signal Transducer And Activator Of Transcription 3 ( <a href="#">STAT3 Products</a> )
Background:	APRF, Acute-Phase Response Factor
UniProt:	<a href="#">P52631</a>

## Target Details

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Pathways: [JAK-STAT Signaling](#), [RTK Signaling](#), [Interferon-gamma Pathway](#), [Neurotrophin Signaling Pathway](#), [Dopaminergic Neurogenesis](#), [Response to Growth Hormone Stimulus](#), [Carbohydrate Homeostasis](#), [Stem Cell Maintenance](#), [Hepatitis C](#), [Protein targeting to Nucleus](#), [Feeding Behaviour](#), [CXCR4-mediated Signaling Events](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Isoelectric Point:

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months