

Datasheet for ABIN667813

STAT1 Protein (AA 1-712) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	STAT1
Protein Characteristics:	AA 1-712
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	STAT1, 1-712aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	STAT1
Alternative Name:	STAT1 (STAT1 Products)
Background:	STAT1, also known as STAT91, is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. STAT1 is activated by peptide hormones, growth factors and cytokines, particularly cytokines of the interferon family. Recombinant human

Target Details

STAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: ISGF-3, STAT91, Transcription factor ISGF-3 components p91/p84, Signal transducer and activator of transcription 1, 91kDa. NCBI no.: NP_009330

Molecular Weight:	85.2 kDa (732aa), confirmed by MALDI-TOF
Pathways:	JAK-STAT Signaling , RTK Signaling , Interferon-gamma Pathway , Response to Growth Hormone Stimulus , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Endopeptidase Activity , Hepatitis C , CXCR4-mediated Signaling Events

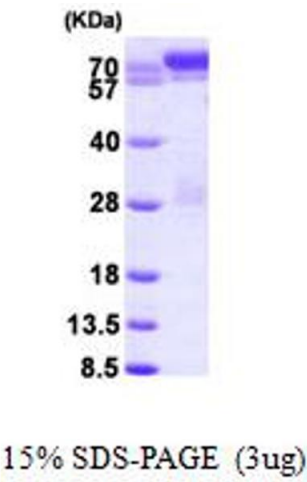
Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Concentration:	0.5 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.