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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

STAT1 (Human) Recombinant Protein (P01)

Catalog Number: H00006772-P01

Regulation Status: For research use only (RUO)

Product Description: Human STAT1 full-length ORF (AAH02704.1, 1 a.a. - 712 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSQWYELQQLDSKFLEQVHQLYDDSFPMERQYLAQ
WLEKQDWEHAANDVSFATIRFHDLSQLDDQYSRFSL
ENNFLQHNRKSKRNLDNFQEDPIQMSMIIYSCLKE
ERKILENAQRFNQAQSGNIQSTVMLDKQKELDSKVRN
VKDKVMCIEHEIKSLEDLQDEYDFKCKTLQNHETNG
VAKSDQKQEQLLLKMYMLDNKRKEVVKIIELLNVT
ELTQNALINDELVEWKRQQSACIGGPPNACLDQLQN
WFTIVAESLQQRQLKLEELEQKYTYEHDPITKNKQ
VLWDRTFSLFQQLIQSSFVVERQPCMPHPQRPLVLK
TGVQFTVKLRLLVKLQELNYNLKVKVLFDKDVNERNTV
KGFRKFNILGHTTKVMNMEESTNGSLAAEFRHLQLKE
QKNAGTRTNEGPLIVTEELHLSLQFETQLCQPLVIDLE
TTSLPVVVISNVSQLPSGWASILWYNMLVAEPRNLSFF
LTPPCARWAQLSEVLSWQFSSVTKRGLNVDQLNMLG
EKLLGPNASPDGLIPWTRFCKENINDKNFPFWLWIESIL
ELIKKHLLPLWNDGCMGFISKERERALLKDQQPGTFLL
RFSESSREGAITFTWVERSQNGGEPDFHAVEPYTKKE
LSAVTFPDIIRNYKVMAAENIPENPLKYLYPNIDKDHF
GKYYSRPKEAPEPEMELDGPKGTYIKTELISVSEV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 109.4

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6772

Gene Symbol: STAT1

Gene Alias: DKFZp686B04100, ISGF-3, STAT91

Gene Summary: The protein encoded by this gene 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. This protein can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]