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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

STAT6 (Human) Recombinant Protein (P01)

Catalog Number: H00006778-P01

Regulation Status: For research use only (RUO)

Product Description: Human STAT6 full-length ORF (AAH05823.1, 1 a.a. - 679 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSLWGLVSKMPPEKVQRLYVDFPQHRLRHLLGDWLES
QPWEFLVGSDAFCCNLASALLSDTVQHLQASVGEQG
EGSTILQHISTLESYQRDPLKLVATFRQILQGEKKAVM
EQFRHLPMPFHWKQEELKFKTGLRRLQHRVGEIHLLR
EALQKGAEAGQVSLHSLIETPANGTGPSEALAMLLQET
TGELEAAKALVLKRIQIWKRQQQLAGNGAPFEESLAPL
QERCESLVDIYSQLQQEVEGAAGGELEPKTRASLTGRL
DEVLRTLVTSCFLVEKQPPQVLKTQTKFQAGVRFLLGL
RFLGAPAKPPLVRADMVTEKQARELSVPQGPAGAE
STGEIINTVPLENSIPGNCCSALFKNLLKKIKRCERK
GTESVTEEKCAVLFSASFTLPGKLPQLQALSLPLVVI
VHGNQDNNAKATILWYNAFSEMDRVPFVVAERVPWE
KM CETLNLKFMAEVTNRGLLPEHFLFLAQKIFNDNSL
SMEAFQHRSVSWSQFNKEILLGRGFTFWQWFDGVLD
LTKRCLRSYWSDRLLIGFISKQYVTSLLLNEPDGTFLLR
FSDSEIGGITIAHVIRGQDGSPQIENIQPFSAKDLSIRSL
GDRIRDLAQLKNLYPKPKKDEAFRSHYKPEQMKGKDR
GYVPATIKMTVERDQPLPTPELQMPTMVP SYDLGMALI
PP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 100.32

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: 6778

Gene Symbol: STAT6

Gene Alias: D12S1644, IL-4-STAT, STAT6B, STAT6C

Gene Summary: The protein encoded by this gene is a member of the STAT family of transcription factors. 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 plays a central role in exerting IL4 mediated biological responses. It is found to induce the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4. Knockout studies in mice suggested the roles of this gene in differentiation of T helper 2 (Th2) cells, expression of cell surface markers, and class switch of immunoglobulins. [provided by RefSeq]