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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

STAT5A (Human) Recombinant Protein (P01)

Catalog Number: H00006776-P01

Regulation Status: For research use only (RUO)

Product Description: Human STAT5A full-length ORF (NP_003143.2, 1 a.a. - 794 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAGWIAQQQLQGDALRQMQLVYGQHFPIEVRHYLAQ
WIESQPWDAIDLNDPQDRAQATQLLEGLVQELQKKA
HVGEDGFLKIKLGHYATQLQKTYDRCPLELVRCIRH
ILYNEQRLVREANNCSSPAGILVDAMSQKHLQINQTFE
ELRLVTQDTENELKKLQQTQEYFIIQYQESLRIQAQFA
QLAQLSPQERLSRETALQQKQVSLEAWLQREAQTLQ
QYRVELAEKHQKTLQLLRKQQTIIIDDELIQWKRRQQL
AGNGGPPGESLDVLQSWCEKLAEIWQNRQQIRRAEH
LCQQPLPIPGPVEEMLAEVNATITDIISALVTSTFIIKQPP
QVLKTQTKFAATVRLLVGGKLVNVMNPPQVKATIISEQ
QAKSLLKNENTRNECSGEILNCCVMEYHQATGTLA
HFRNMSLKRIKRADRRGAESVTEEKFTVLFESQFSVG
SNELVFQVKTLSPVVVIVHGSQDHNATATVLWDNAF
AEPGRVPPFAVPDKVLWPQLCEALNMKFKAQVQSNRG
LTKENLVFLAQKLFNNSSSHLEDYSGLSVSWSQFNRE
NLPGWNYTFWQWFDGVMVLLKHHKPHWNDGAILG
FVNKQQAHDLLINKPDGTFLLRFSDSEIGGITIAWKFDS
PERNLWNLKPFTTRDFSIRSLADRLGDLSYLIYVFPDR
PKDEVFSKYYPVLAKAVDGYVVKPQIKQVVPEFVNASA
DAGGSSATYMDQAPSPAVCPQAPYNYMYPQNPDPHVL
DQGEFDLDETMDVARHVEELLRRPMDSLDSRLSPPA
GLFTSARGSL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 117

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: 6776

Gene Symbol: STAT5A

Gene Alias: MGF, STAT5

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 is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells. [provided by RefSeq]