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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RFX5 (Human) Recombinant Protein (P01)

Catalog Number: H00005993-P01

Regulation Status: For research use only (RUO)

Product Description: Human RFX5 full-length ORF (NP_000440.1, 1 a.a. - 616 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAEDEPDAKSPKTGGRAPPGGAEAGEPTLLQRLRG
TISKAVQNKVEGILQDVQKFSNDKLYLYLQLPSGPTT
GDKSSEPSTLSNEEYMYAYRWIRNHLEEHTDTCLPKQ
SVYDAYRKYCESLACCRPLSTANFGKIIREIFPDIKARR
LGGRGQSKYCYSGIRRKTLVSMPLPGLDLKGSSEPE
MGPEVTPAPRDELVEAACALTCDWAERILKRSFSSIVE
VARFLLQQHLISARSAHAHVLMKAMGLAEDEHAPRER
SSKPKNGLENPEGGAHKKPERLAQPPKDLEARTGAG
PLARGERKKSVESSAPGANNLQVNALVARLPLLLPR
APRSLIPPIVSPPIAPRLSSGALKVATLPLSSRAGAPP
AAVPIINMILPTVPALPGPGPGGRAPPGLTQPRGTE
NREVGIGGDQGGPHDKGVKRTAEVPSVSEASGQAPPAK
AAKQDIEDTASDAKRKRGRPRKKS GSGERNSTPLKS
AAAMESAQSSRLPWETWGS GGEGNSAGGAERPGPM
GAEKGA VLAQQGQDGT VSKGGRGPGSQHTKEAED
KIPLVPSKVSVIKGSR SQKEAFPLAKGEVDTAPQGNKD
LKEHVLQSSLSQE HKDPKATPP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 91.7

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: 5993

Gene Symbol: RFX5

Gene Alias: -

Gene Summary: A lack of MHC-II expression results in a severe immunodeficiency syndrome called MHC-II deficiency, or the bare lymphocyte syndrome (BLS; MIM 209920). At least 4 complementation groups have been identified in B-cell lines established from patients with BLS. The molecular defects in complementation groups B, C, and D all lead to a deficiency in RFX, a nuclear protein complex that binds to the X box of MHC-II promoters. The lack of RFX binding activity in complementation group C results from mutations in the RFX5 gene encoding the 75-kD subunit of RFX (Steimle et al., 1995). RFX5 is the fifth member of the growing family of DNA-binding proteins sharing a novel and highly characteristic DNA-binding domain called the RFX motif. Multiple alternatively spliced transcript variants have been found but the full-length natures of only two have been determined. [provided by RefSeq]