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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FKBP1B (Human) Recombinant Protein (P01)

Catalog Number: H00002281-P01

Regulation Status: For research use only (RUO)

Product Description: Human FKBP1B full-length ORF (AAH02614, 1 a.a. - 80 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGVEIETISPGDGRTPKKGQTCVVHYTGMLQNGKKF
DSSRDRNKPFKFRIGKQEVIKGFEEGAAQLGPLSPLPI
CPHPC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 34.54

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: 2281

Gene Symbol: FKBP1B

Gene Alias: FKBP12.6, FKBP1L, OTK4, PKBP1L, PPlase

Gene Summary: The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded

protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is highly similar to the FK506-binding protein 1A. Its physiological role is thought to be in excitation-contraction coupling in cardiac muscle. There are two alternatively spliced transcript variants of this gene encoding different isoforms. [provided by RefSeq]

References:

1. Impact of hypoxia, simulated ischemia and reperfusion in HL-1 cells on the expression of FKBP12/FKBP12.6 and intracellular calcium dynamics. Strom-Olsson K, Li L, Olofsson CS, Boren J, Ohlin H, Grip L. Biochem Biophys Res Commun. 2012 May 19.