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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FKBP5 (Human) Recombinant Protein (P01)

Catalog Number: H00002289-P01

Regulation Status: For research use only (RUO)

Product Description: Human FKBP5 full-length ORF (AAH42605, 1 a.a. - 457 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTTDEGAKNNEESPTATVAEQGEDITSKKDRGVLKIVK
RVGNGETPMIGDKVYVHYKGLSNGKKFDSSHDRN
EPFVFLGKGQVIKAWDIGVATMKKGEICHLCKPEYA
YGSAGSLPKIPSNATLFFEIELLDFKGEDLFEDGGIIRRT
KRKGEYSNPNEGATVEIHLEGRCGGRMFDCRDVAF
TVGEGEDHDIPIGIDKALEKMQREEQCILYLGPRYGFG
EAGKPKFGIEPNAELIYEVTLKSFEKAKESWEMDTKEK
LEQAAIVKEKGTVYFKGGKYMQAVIQYGKIVSWLEME
YGLSEKESKASESFLAFLNLAMCYLKLREYTKAVEC
CDKALGLDSANEKGLYRRGEAQLLMNEFESAKGDFEK
VLEVPQNKAARLQISMCKKAKEHNERDRRIYANMF
KKFAEQDAKEEANKAMGKKTSEGVTNEKGTDSQAME
EEKPEGHV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.01

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: 2289

Gene Symbol: FKBP5

Gene Alias: FKBP51, FKBP54, MGC111006, P54, PPlase, Ptg-10

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 to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. This gene has been found to have multiple polyadenylation sites. Alternative splicing results in multiple transcript variants.[provided by RefSeq]

References:

1. Designed hybrid TPR peptide targeting Hsp90 as a novel anticancer agent. Horibe T, Kohno M, Haramoto M, Ohara K, Kawakami K. J Transl Med. 2011 Jan 14;9:8.