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FBXO2, 1-296aa, Human, His tag, E.coli

产品货号: TP02099

第三版

别名:F-box only protein 2, FBG1, Fbs1, FBX2, NFB42, OCP1

描述:FBXO2 is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbfs containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. This protein belongs to the Fbxs class. It is highly similar to the rat NFB42 (neural F Box 42 kDa) protein which is enriched in the nervous system and may play a role in maintaining neurons in a postmitotic state. Recombinant human FBXO2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

分子量:35.7 kDa (319aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMGDGDPESVGQPEEASPEEQPEEASAEERPEDQQEEEEAAAAAYLDELPEPLLLR
VLAALPAAELVQACRLVCLRWKELVDGAPLWLLKQCQEGLVPEGGVEEERDHWQQFYFLSKRRRNLLRNPCGEEDLEG
WCDVEHGGDGWRVEELPGDSGVEFTHDESVKKYFASSFEWCRKAQVIDLQAEGYWEELDDTTQPAIVVKDWYSGRSDA
GCLYELTVKLLSEHENVLAEFSSGQVAVPQSDGGGWMEISHTFTDYGPGVRFVRFEGGGQDSVYWKGWFGARVTNSS
VWVEP

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.