

**FBXO6, 1-293aa, Human, His tag, E.coli**

**Cat.NO.: TP02100**

3th Edition

**Synonyms:**F-box only protein 6, FBG2, FBS2, FBX6, Fbx6b

**Description:**FBXO6 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, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. FBXO6 belongs to the Fbxs class, and its C-terminal region is highly similar to that of rat NFB42 (neural F Box 42 kDa) which may be involved in the control of the cell cycle. Recombinant human FBXO6 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**36.3kDa (316aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSM DAPHSKAALDSINELPENILLELFTHV PARQLLLNCRLVCSLWRDLIDLMTL  
WKRKCLREGFITKDWDQPVADWKIFYFLRSLHRNLLRNPCA EEDMFAWQIDFNGGDRWKVESLPGAHGTDFFDP  
KVKKYFVTSYEMCLKSQLVDLVAEGYWEELLDTFRPDIVVKDWFAARADCGCTYQLKVQLASADYFVLASFEP  
PPVTIQQWNNATWTEVSYTFSDYPRGVRYILFQHGG RDTQYWAGWYGPRVTNSSIVVSPKMTRNQASSEAQPGQKH  
GQEEAAQSPYRAVVQIF

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.