

Product datasheet for **AR51572PU-S**

FBXO2 (1-296, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	FBXO2 (1-296, His-tag) human protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMDGDGDP ESGVQPEEAS PEEQPEEASA EEERPEDQQE EEAAAAAYL DELPEPLLLR VLAALPAAEL VQACRLVCLR WKELVDGAPL WLLKCQQEGL VPEGVVEER DHWQQFYFLS KRRRNLLRNP CGEEDLEGWC DVEHGGDGWR VEELPGDSGV EFTHDESVKK YFASSFEWCR KAQVIDLQAE GYWEELDDTT QPAIVKDWY SGRSDAGCLY ELTVKLLSEH ENVLAEFSSG QVAVPQDSGD GGWMEISHTF TDYGPVGRFV RFEHGGQDSV YWKGWFGARV TNSSVWVEP
Tag:	His-tag
Predicted MW:	35.7 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_036300
Locus ID:	26232
UniProt ID:	Q9UK22
Cytogenetics:	1p36.22
Synonyms:	FBG1; Fbs1; FBX2; NFB42; OCP1



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Summary:

This gene encodes 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. The protein encoded by this gene belongs to the Fbxs class. This protein 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. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome

Protein Pathways:

Ubiquitin mediated proteolysis

Product images: