

Recombinant Human FBXO2 Protein, His&GST-tagged

Cat. No. FBXO2-1470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXO2 Protein (Met1-Pro296) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro296
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.3 kDa Accurate Molecular Mass: 68 kDa

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	FBXO2 F-box protein 2 [Homo sapiens (human)]
Official Symbol	FBXO2
Synonyms	FBXO2; F-box protein 2; F box only protein 2, OCP1, organ of Corti protein 1; F-box only protein 2; Fbg1; Fbs1; FBX2; Nfb42; F-box gene 1; organ of Corti protein 1; FBG1; OCP1; NFB42;
Gene ID	26232
mRNA Refseq	NM_012168

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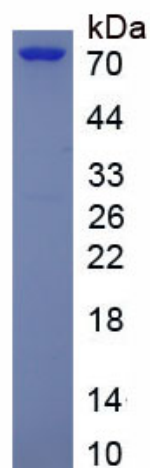
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Protein Refseq NP_036300

MIM 607112

UniProt ID Q9UK22



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