Recombinant Human FBXO2, GST-tagged

Cat. No. FBXO2-12788H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXO2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-296a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

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GENE INFORMATION

Gene Name	FBXO2 F-box protein 2 [Homo sapiens]
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
Protein Refseq	NP_036300
MIM	607112
UniProt ID	Q9UK22
Chromosome Location	1p36.21
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem;
Function	beta-amyloid binding; glycoprotein binding; sugar binding; ubiquitin-protein ligase activity;

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