

Recombinant Human FBXO44, GST-tagged

Cat. No. FBXO44-12802H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBXO44 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-224a.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. It is also a member of the NFB42 (neural F Box 42 kDa) family, similar to F-box only protein 2 and F-box only protein 6. Four alternatively spliced transcript variants encoding two distinct isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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GENE INFORMATION

Gene Name	FBXO44 F-box protein 44 [Homo sapiens]
Official Symbol	FBXO44
Synonyms	F-box protein 44; 24847; Ensembl:ENSG00000132879; MGC14140, DKFZp781J0852; F-box only protein 44;F-box gene 3;F-box protein FBX30;F-box/G-domain protein 3; FBG3; FBX30; FBX6A; Fbx44; Fbxo6a
Gene ID	93611
mRNA Refseq	NM_001014765.1
Protein Refseq	NP_001014765.1
MIM	609111
UniProt ID	Q9H4M3
Chromosome Location	1p36.22
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;
Function	protein binding;

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