Recombinant Human FBXW5 cell lysate

Cat. No. FBXW5-610HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes a member of the F-box protein family, members of which are characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into three 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 contains WD-40 domains, in addition to an F-box motif, so it belongs to the Fbw class. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene, however, they were found to be nonsense-mediated mRNA decay (NMD) candidates, hence not represented.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

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Gene Name	FBXW5 F-box and WD repeat domain containing 5 [Homo sapiens]
Official Symbol	FBXW5
Synonyms	FBXW5; F-box and WD repeat domain containing 5; F box and WD 40 domain protein 5; F-box/WD repeat-containing protein 5; DKFZP434B205; Fbw5; MGC20962; WD repeat-containing F-box protein FBW5; F-box and WD-40 domain-containing protein 5; DKFZp434B205;
Gene ID	54461
mRNA Refseq	NM_018998
Protein Refseq	NP_061871
MIM	609072
UniProt ID	Q969U6
Chromosome Location	9q34.3
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem;
Function	catalytic activity; protein binding; protein kinase binding;

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