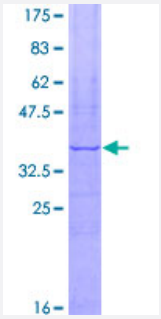
FBXW5 (Human) Recombinant Protein (Q01)

Catalog # H00054461-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FBXW5 partial ORF (NP_061871, 457 a.a. - 566 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RRALRAHRAYTPNDECFFIFLDVSRDFVASGAEDRHGYIWDRHYNICLARLRHEDVVNSVVFSPQ EQELLLTASDDATIKAWRSPRTMRVLQAPRPRPRTFFSWLASQRR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (91); Rat (93)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FBXW5

Entrez GeneID	54461
GeneBank Accession#	NM_018998
Protein Accession#	NP_061871
Gene Name	FBXW5
Gene Alias	DKFZp434B205, Fbw5, MGC20962, RP11-229P13.10
Gene Description	F-box and WD repeat domain containing 5
Omim ID	609072
Gene Ontology	Hyperlink
Gene Summary	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 su bunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phos phorylation-dependent ubiquitination. The F-box proteins are divided into three classes: Fbws con taining 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 c ontains WD-40 domains, in addition to an F-box motif, so it belongs to the Fbw class. Alternativel y spliced transcript variants encoding distinct isoforms have been identified for this gene, howeve r, they were found to be nonsense-mediated mRNA decay (NMD) candidates, hence not represen ted. [provided by RefSeq
Other Designations	F-box and WD-40 domain protein 5|OTTHUMP00000022659|WD repeat-containing F-box protei n FBW5