

Product datasheet for PH304407

beta TRCP2 (FBXW11) (NM_033644) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FBXW11 MS Standard C13 and N15-labeled recombinant protein (NP_387448)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204407
Predicted MW:	60.9 kDa
Protein Sequence:	>RC204407 protein sequence Red=Cloning site Green=Tags(s)

MEPDSVIEDKTIELMNTSVMEDQNEDESPKNTLWQISNGTSSVIVSRKRPSEGNYQKEKDLCKIFYDQW
SESDQVEFVEHLISRMCHYQHGHINSYLPMLQRDFITALPEQGLDHIAENILSYLDARSLCAAELVCKE
WQRVISEGMLWKKLIERMVRTDPLWKGLSERRGWDQYLFKNRPTDGPNSFYRSLYPKIIQDIETIESNW
RCGRHNLQRIQCRSENSKGVYCLQYDDEKIIISGLRDNSIKIWDKTSLECLKVLTGHTGSVLCQYDERVI
VTGSSDSTVRVVDVNTGEVLNLIHHNEAVLHLRFNGLMVTCSKDRSIAVWDMASATDITLRRVLVGRH
AAVNVVDFDDKYIVSASGDRTIKVWSTSTCEFVRTLNHGKRGIAQLQYRDRLVVS GSSDNTIRLWDIECG
ACLRVLEGHEELVRCIRFDNKRIVSGAYDGKIKVWDLQAALDPRAPASTLCLRTLVEHSGRVFRLLQFDEF
QIISSSHDDTILIWDFLNVPPSAQNETRSPSRITYYISR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_387448</u>
RefSeq Size:	4536
RefSeq ORF:	1587



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Synonyms: BTRC2; BTRCP2; FBW1B; Fbw11; FBXW1B; Hos; NEDJED

Locus ID: 23291

UniProt ID: [Q9UKB1](#)

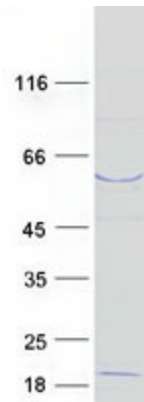
Cytogenetics: 5q35.1

Summary: 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 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 Fbws class and, in addition to an F-box, contains multiple WD40 repeats. This gene contains at least 14 exons, and its alternative splicing generates 3 transcript variants diverging at the presence/absence of two alternate exons. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Hedgehog signaling pathway, Oocyte meiosis, Ubiquitin mediated proteolysis, Wnt signaling pathway

Product images:



Coomassie blue staining of purified FBXW11 protein (Cat# [TP304407]). The protein was produced from HEK293T cells transfected with FBXW11 cDNA clone (Cat# [RC204407]) using MegaTran 2.0 (Cat# [TT210002]).