

OriGene Technologies, Inc.

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Product datasheet for PH324331

UBXD5 (UBXN11) (NM_001077262) Human Mass Spec Standard

Product data:

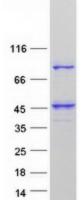
Product Type:	Mass Spec Standards
Description:	UBXN11 MS Standard C13 and N15-labeled recombinant protein (NP_001070730)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224331
Predicted MW:	43.1 kDa
Protein Sequence:	<pre>>RC224331 representing NM_001077262 Red=Cloning site Green=Tags(s)</pre>
	MSSPLASLSKTRKVPLPSEPMNPGRRGIRIYGDEDEVDMLSDGCGSEEKISVPSCYGGIGAPVSRQGDSL APPEVDFDRLLASLQDLSELVVEGDTQVTPVPGGARLRTLEPIPLKLYRNGIMMFDGPFQPFYDPSTQRC LRDILDGFFPSELQRLYPNGVPFKVSDLRNQVYLEDGLDPFPGEGRVVGRQLMHKALDRVEEHPGSRMTA EKFLNRLPKFVIRQGEVIDIRGPIRDTLQNCCPLPARIQEIVVETPTLAAERERSQESPNTPAPPLSMLR IKSENGEQAFLLMMQPDNTIGDVRALLAQARVMDASAFEIFSTFPPTLYQDDTLTLQAAGLVPKAALLLR ARRAPKSSLKFSPGPCPGPGPGPSPGPGPSPGPGPSPCPGPSPSPQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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 001070730</u>
RefSeq Size:	1384
RefSeq ORF:	1200
Synonyms:	COA-1; PP2243; SOC; SOCI; UBXD5
Locus ID:	91544



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	UBXD5 (UBXN11) (NM_001077262) Human Mass Spec Standard – PH324331
UniProt ID:	<u>Q5T124</u>
Cytogenetics:	1p36.11
Summary:	This gene encodes a protein with a divergent C-terminal UBX domain. The homologous protein in the rat interacts with members of the Rnd subfamily of Rho GTPases at the cell periphery through its C-terminal region. It also interacts with several heterotrimeric G proteins through their G-alpha subunits and promotes Rho GTPase activation. It is proposed to serve a bidirectional role in the promotion and inhibition of Rho activity through upstream signaling pathways. The 3' coding sequence of this gene contains a polymoprhic region of 24 nt tandem repeats. Several transcripts containing between 1.5 and five repeat units have been reported. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified UBXN11 protein (Cat# [TP324331]). The protein was produced from HEK293T cells transfected with UBXN11 cDNA clone (Cat# [RC224331]) using MegaTran 2.0 (Cat# [TT210002]).

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