

## Product datasheet for TP324331M

### UBXD5 (UBXN11) (NM\_001077262) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens UBX domain protein 11 (UBXN11), transcript variant 3, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC224331 representing NM_001077262 Red=Cloning site Green=Tags(s)
	<p>MSSPLASLSKTRKVPLPSEPMNPGRRGIRIYGDEDEVDMLS DGC GSE EKISVPSCYGGIGAPVSRQGD SL APPEVDFDRLLASLQDLSELVVEGDTQVTPVPGGARLRTL EPIPKLYRNGIMMFDGPFQPFYDPSTQRC LRDILDGFFPSELQRLYPNGVVPFKVSDLRNQVYLEDGLDPPGEGRVVGRQLMHKALDRVEEHPGSRMTA EKFLNRLPKFVIRQGEVIDIRGPIRDTLQNCCLPARIQEIVETPTLAAERERSQESPNT PAPP LSM LR IKSENGEQAFLLMMQPDNTIGDVRALLAQARVMDASAFEIFSTFPPTLYQDDTLTLQAAGLVPKAALLLR ARRAPKSSLK FSPGPCPGPGPGSPGPGPGSPGPGPGSPGPGSPGPGSPGPGSPGPGSPGPGSPGPGSPG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	43.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001070730</a>

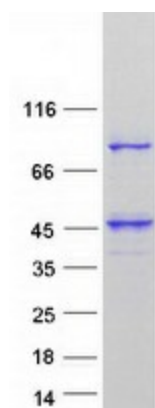


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Locus ID:	91544
UniProt ID:	<a href="#">Q5T124</a>
RefSeq Size:	1384
Cytogenetics:	1p36.11
RefSeq ORF:	1200
Synonyms:	COA-1; PP2243; SOC; SOCI; UBXD5

**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 polymorphic 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]).