Recombinant Human UBXN11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBXN11-5302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBXN11 MS Standard C13 and N15-labeled recombinant protein (NP_001070730) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	43.1 kDa
AA Sequence	MSSPLASLSKTRKVPLPSEPMNPGRRGIRIYGDEDEVDMLSDGCGSEEKISVPSCY GGIGAPVSRQGDSLAPPEVDFDRLLASLQDLSELVVEGDTQVTPVPGGARLRTLEPI PLKLYRNGIMMFDGPFQPFYDPSTQRCLRDILDGFFPSELQRLYPNGVPFKVSDLRN QVYLEDGLDPFPGEGRVVGRQLMHKALDRVEEHPGSRMTAEKFLNRLPKFVIRQG

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	EVIDIRGPIRDTLQNCCPLPARIQEIVVETPTLAAERERSQESPNTPAPPLSMLRIKSE NGEQAFLLMMQPDNTIGDVRALLAQARVMDASAFEIFSTFPPTLYQDDTLTLQAAGL VPKAALLLRARRAPKSSLKFSPGPCPGPGPGPSPGPGPGPSPGPGPGPSPCPGPS PSPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	UBXN11 UBX domain protein 11 [Homo sapiens (human)]
Official Symbol	UBXN11
Synonyms	UBXN11; UBX domain protein 11; UBX domain containing 5, UBXD5; UBX domain-containing protein 11; SOC; SOCI; socius; UBX domain-containing protein 5; colorectal tumor-associated antigen-1; colorectal tumor-associated antigen COA-1; COA-1; UBXD5; PP2243; DKFZp686F04228;
Gene ID	91544
mRNA Refseq	NM_001077262

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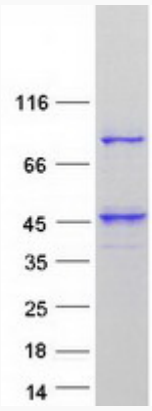
Protein Refseq	NP_001070730
MIM	609151
UniProt ID	Q5T124
SDS-PAGE	

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