Recombinant Human UBXN11, His-tagged

Cat. No. UBXN11-31555TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 191-400 of Human UBXD5 isoform 3 with N terminal His tag; 210 amino acids, 28kDa.
Species	Human
Source	E.coli
ProteinLength	191-400 a.a.
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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 99 µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	QLMHKALDRVEEHPGSRMTAEKFLNRLPKFVIRQGEVIDI RGPIRDTLQNCCPLPARI QEIVVETPTLAAERERSQES PNTPAPPLSMLRIKSENGEQAFLLMMQPDNTIGDVRA L LAQARVMDASAFEIFSTFPPTLYQDDTLTLQAAGLVPK AALLLRARRAPKSSLKFS PGPCPGPGPGPSPGPGPGPS PGPGPGPSPCPGPSPSPQ

GENE INFORMATION

Gene Name	UBXN11 UBX domain protein 11 [Homo sapiens]
Official Symbol	UBXN11
Synonyms	UBXN11; UBX domain protein 11; UBX domain containing 5 , UBXD5; UBX domain-containing protein 11; SOC; SOCI; socius;
Gene ID	91544
mRNA Refseq	NM_183008
Protein Refseq	NP_892120
MIM	609151
Uniprot ID	Q5T124
Chromosome Location	1p36.11

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