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Product datasheet for SC205891

RNF22 (TRIM3) (NM_006458) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RNF22 (TRIM3) (NM_006458) Human 3' UTR Clone
Symbol:	RNF22
Synonyms:	BERP; HAC1; RNF22; RNF97
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006458
Insert Size:	445 bp
Insert Sequence:	>SC205891 3'UTR clone of NM_006458 The sequence shown below is from the reference sequence of NM_006458. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TGCTTTAAAGCCTATCGCTACCTCCAGTAGCTGTACAGAGGCCCTGCCTGGCTTGTGGAGGGACAGACA TTGGGGTGATTGGACAAGAGGGTCTGGCTGGGAGGTGGGCCAGACCTGGCAGCACTGAATGTGGGCTGT GGGCATGGGTGCACCCGGTGCCCTCCCTCTCCTACCCCCACCCCCACGGTTGCACTTTATTTATTCGGT TCTTGCTTTGGTGACTGGGTGAGCCTGGACTGTGGTCCCAAGGATGTGTGCAGAGCTTCACCCTACCCT TCTTACACACCTCCCCACCCCTGTCAGTCTGCTCCCCATCCCCCAGCCTGGGGCCAGAACAGCCTACCC CAGGACAGGAGTCCCTCTAGTTGTCTCCCTACCACCCTATACACACTGACAGAGACAGCAATACCCCAC CCCCCATATTAAATAAATGTCTTCACCAAGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq: NM_006458.4

Summary: The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic filaments. It is similar to a rat protein which is a specific partner for the tail domain of myosin V, a class of myosins which are involved in the targeted transport of organelles. The rat protein can also interact with alpha-actinin-4. Thus it is suggested that this human protein may play a role in myosin V-mediated cargo transport. Alternatively spliced transcript variants encoding the same isoform have been identified. [provided by RefSeq, Jul 2008]

Locus ID: 10612

MW: 16.1