

Product datasheet for RC211739L1V

OriGene Technologies, Inc.

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RNF22 (TRIM3) (NM_006458) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: RNF22 (TRIM3) (NM_006458) Human Tagged ORF Clone Lentiviral Particle

Symbol: RNF22

Synonyms: BERP; HAC1; RNF22; RNF97

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_006458

 ORF Size:
 2232 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC211739).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeg: NM 006458.2

 RefSeq Size:
 3059 bp

 RefSeq ORF:
 2235 bp

 Locus ID:
 10612

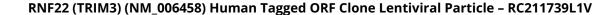
 UniProt ID:
 075382

 Cytogenetics:
 11p15.4

Domains: zf-B_box, NHL, Filamin, RING, BBC

MW: 80.6 kDa







Gene 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]