

Product datasheet for RC209376L3

OriGene Technologies, Inc.

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C20orf70 (BPIFA2) (NM_080574) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: C20orf70 (BPIFA2) (NM_080574) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: C20orf70

Synonyms: bA49G10.1; C20orf70; PSP; SPLUNC2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC209376).

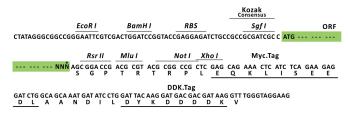
Sequence:

The one insert of this cione is exactly the same as(No203370)

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_080574

ORF Size: 747 bp





C20orf70 (BPIFA2) (NM_080574) Human Tagged Lenti ORF Clone - RC209376L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: NM 080574.2

 RefSeq Size:
 1054 bp

 RefSeq ORF:
 750 bp

 Locus ID:
 140683

 UniProt ID:
 Q96DR5

 Cytogenetics:
 20q11.21

Protein Families: Secreted Protein

MW: 27 kDa

Gene Summary: This gene encodes a member of the palate, lung and nasal epithelium clone (Plunc) family of

proteins. Members of this family have been proposed to play a role in the local antibacterial response in nose, mouth and upper respiratory pathways. The encoded soluble salivary protein binds bacterial lipopolysaccharide (LPS) and inhibits bacterial growth. This gene is present in a gene cluster on chromosome 20. Alternative splicing results in multiple transcript

variants. [provided by RefSeq, Jan 2016]