

Product datasheet for RC224384L3

ITIH2 (NM_002216) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ITIH2 (NM_002216) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ITIH2

Synonyms: H2P; SHAP

Mammalian Cell Puromycin

Selection:

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

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

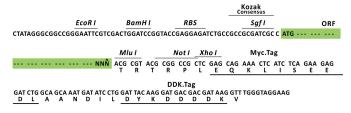
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC224384).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_002216

ORF Size: 2838 bp



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ITIH2 (NM_002216) Human Tagged Lenti ORF Clone - RC224384L3

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: <u>NM 002216.2</u>

 RefSeq Size:
 3198 bp

 RefSeq ORF:
 2841 bp

 Locus ID:
 3698

 UniProt ID:
 P19823

Cytogenetics: 10p14

Domains: VWA, VIT MW: 106.3 kDa

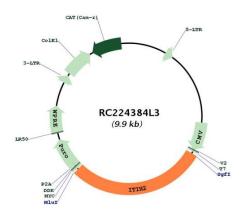
Gene Summary: The inter-alpha-trypsin inhibitors (ITI) are a family of structurally related plasma serine

protease inhibitors involved in extracellular matrix stabilization and in prevention of tumor metastasis. The ITI family contains multiple proteins made up of a light chain (see MIM 176870) and a variable number of heavy chains (Salier et al., 1987 [PubMed 2446322];

Himmelfarb et al., 2004 [PubMed 14744536]).[supplied by OMIM, Nov 2009]



Product images:



Circular map for RC224384L3