

## Product datasheet for RC218791L4V

## OriGene Technologies, Inc.

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## S2P (MBTPS2) (NM\_015884) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** S2P (MBTPS2) (NM\_015884) Human Tagged ORF Clone Lentiviral Particle

Symbol: S2F

Synonyms: BRESEK; IFAP; KFSD; KFSDX; OI19; OLMSX; S2P

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_015884 **ORF Size:** 1557 bp

**ORF Nucleotide** 

1337 56

Sequence:

The ORF insert of this clone is exactly the same as(RC218791).

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 015884.1

 RefSeq Size:
 1759 bp

 RefSeq ORF:
 1560 bp

 Locus ID:
 51360

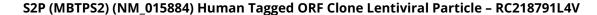
 UniProt ID:
 043462

 Cytogenetics:
 Xp22.12

**Domains:** Peptidase\_M50

**Protein Families:** Druggable Genome, Protease, Transmembrane





ORÏGENE

**MW:** 57.3 kDa

**Gene Summary:** This gene encodes a intramembrane zinc metalloprotease, which is essential in development.

This protease functions in the signal protein activation involved in sterol control of transcription and the ER stress response. Mutations in this gene have been associated with ichthyosis follicularis with atrichia and photophobia (IFAP syndrome); IFAP syndrome has been quantitatively linked to a reduction in cholesterol homeostasis and ER stress response.

[provided by RefSeq, Aug 2009]