

Product datasheet for RC218791L3V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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: S2P

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

Mammalian Cell

Selection:

Puromycin

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

 Tag:
 Myc-DDK

 ACCN:
 NM_015884

ORF Size: 1557 bp

ORF Nucleotide

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

OTI Disclaimer:

Sequence:

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.

RefSeq: <u>NM 015884.1</u>

 RefSeq Size:
 1759 bp

 RefSeq ORF:
 1560 bp

 Locus ID:
 51360

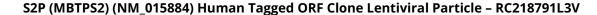
 UniProt ID:
 043462

 Cytogenetics:
 Xp22.12

Domains: Peptidase_M50

Protein Families: Druggable Genome, Protease, Transmembrane





ORIGENE

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]