

Product datasheet for **RC218791L3V**

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 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.
RefSeq:	NM_015884.1
RefSeq Size:	1759 bp
RefSeq ORF:	1560 bp
Locus ID:	51360
UniProt ID:	O43462
Cytogenetics:	Xp22.12
Domains:	Peptidase_M50
Protein Families:	Druggable Genome, Protease, Transmembrane



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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]