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Product datasheet for RC219129L3V

STEAP2 (NM_152999) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STEAP2 (NM_152999) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STEAP2
Synonyms:	IPCA1; PCANAP1; PUMPCn; STAMP1; STMP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152999
ORF Size:	1470 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219129).
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_152999.2
RefSeq Size:	6857 bp
RefSeq ORF:	1473 bp
Locus ID:	261729
UniProt ID:	Q8NFT2
Cytogenetics:	7q21.13
Domains:	F420_oxidored
Protein Families:	Transmembrane

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MW: 55.9 kDa

Gene Summary: This gene is a member of the STEAP family and encodes a multi-pass membrane protein that localizes to the Golgi complex, the plasma membrane, and the vesicular tubular structures in the cytosol. A highly similar protein in mouse has both ferrireductase and cupric reductase activity, and stimulates the cellular uptake of both iron and copper in vitro. Increased transcriptional expression of the human gene is associated with prostate cancer progression. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]