

Product datasheet for **RC203354L4V**

UXS 1 (UXS1) (NM_025076) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	UXS 1 (UXS1) (NM_025076) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UXS 1
Synonyms:	SDR6E1; UGD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025076
ORF Size:	1260 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203354).
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_025076.3
RefSeq Size:	2102 bp
RefSeq ORF:	1263 bp
Locus ID:	80146
UniProt ID:	Q8NBZ7
Cytogenetics:	2q12.2
Protein Families:	Transmembrane



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Protein Pathways:	Amino sugar and nucleotide sugar metabolism, Metabolic pathways, Starch and sucrose metabolism
MW:	47.6 kDa
Gene Summary:	This gene encodes an enzyme found in the perinuclear Golgi which catalyzes the synthesis of UDP-xylose used in glycosaminoglycan (GAG) synthesis on proteoglycans. The GAG chains are covalently attached to proteoglycans which participate in signaling pathways during development. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014]