

Product datasheet for **RC218605L4V**

SHOX (NM_000451) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SHOX (NM_000451) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SHOX
Synonyms:	GCFX; PHOG; SHOXY; SS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000451
ORF Size:	876 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218605).
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_000451.2 , NP_000442.1
RefSeq Size:	4559 bp
RefSeq ORF:	879 bp
Locus ID:	6473
UniProt ID:	O15266
Cytogenetics:	X;Y
Domains:	homeobox, OAR
Protein Families:	Transcription Factors


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MW: 32.1 kDa

Gene Summary: This gene belongs to the paired homeobox family and is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. Defects in this gene are associated with idiopathic growth retardation and in the short stature phenotype of Turner syndrome patients. This gene is highly conserved across species from mammals to fish to flies. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]