

Product datasheet for **RC210876L4V**

HS3ST5 (NM_153612) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HS3ST5 (NM_153612) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HS3ST5
Synonyms:	3-OST-5; 3OST5; HS3OST5; NBLA04021
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_153612
ORF Size:	1038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210876).
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_153612.2 , NP_705840.2
RefSeq Size:	2744 bp
RefSeq ORF:	1041 bp
Locus ID:	222537
UniProt ID:	Q8IZT8
Cytogenetics:	6q21-q22.1
Protein Families:	Transmembrane
Protein Pathways:	Heparan sulfate biosynthesis



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MW: 40.4 kDa

Gene Summary: HS3ST5 belongs to a group of heparan sulfate 3-O-sulfotransferases (EC 2.8.2.23) that transfer sulfate from 3-prime-phosphoadenosine 5-prime phosphosulfate (PAPS) to heparan sulfate and heparin (Mochizuki et al., 2003 [PubMed 12740361]).[supplied by OMIM, Mar 2008]