

Product datasheet for **RC221640L2V**

HS6ST2 (NM_147175) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | HS6ST2 (NM_147175) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | HS6ST2 |
| Synonyms: | MRXSPM |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_147175 |
| ORF Size: | 1815 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC221640). |
| 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_147175.2 |
| RefSeq Size: | 4456 bp |
| RefSeq ORF: | 1818 bp |
| Locus ID: | 90161 |
| UniProt ID: | Q96MM7 |
| Cytogenetics: | Xq26.2 |
| Protein Families: | Transmembrane |
| Protein Pathways: | Heparan sulfate biosynthesis |



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MW: 69.1 kDa

Gene Summary: Heparan sulfate proteoglycans are ubiquitous components of the cell surface, extracellular matrix, and basement membranes, and interact with various ligands to influence cell growth, differentiation, adhesion, and migration. This gene encodes a member of the heparan sulfate (HS) sulfotransferase gene family, which catalyze the transfer of sulfate to HS. Different family members and isoforms are thought to synthesize heparan sulfates with tissue-specific structures and functions. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]