

Product datasheet for **MR223939L4V**

Grhl1 (NM_145890) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | Grhl1 (NM_145890) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Grhl1 |
| Synonyms: | LBP-32; MGR; Tcfcp2l2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_145890 |
| ORF Size: | 1608 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR223939). |
| 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_145890.2 , NP_665897.2 |
| RefSeq Size: | 3100 bp |
| RefSeq ORF: | 1611 bp |
| Locus ID: | 195733 |
| Cytogenetics: | 12 A1.3 |



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Gene Summary:

Transcription factor involved in epithelial development. Binds directly to the consensus DNA sequence 5'-AACCGGTT-3' (PubMed:18288204, PubMed:21081122). Important regulator of DSG1 in the context of hair anchorage and epidermal differentiation, participates in the maintenance of the skin barrier (PubMed:18288204, PubMed:24586629). There is no genetic interaction with GRHL3 no genetic interaction with GRHL3, no functional cooperativity due to diverse target gene selectivity during epithelia development (PubMed:21081122).
[UniProtKB/Swiss-Prot Function]