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Datasheet for ABIN5182351 Mouse SIRPB1A CRISPR gRNA in Lenti Particles

| Overview | | |
|-----------------------|---|--|
| Quantity: | 3 x 300 μL | |
| Gene: | SIRP-beta (SIRPB1A) | |
| Species: | Mouse | |
| Insert: | gRNA | |
| Vector: | Lentiviral Vector | |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) | |
| Product Details | | |
| Purpose: | Set of 3 gRNA against Sirpb1a in Lentiviral Particles with a Titer of >1x10e7 IU/mL. (Cas9 required separately) | |
| Vector Backbone: | pLenti-U6-sgRNA-PGK-Neo | |
| Promoter: | U6 Promoter, PGK Promoter | |
| Selectable Marker: | Neomycin | |
| Bacterial Resistance: | Ampicillin | |
| Expression Type: | Stable, Transient | |
| Sequence: | Sequence available upon placing order | |
| Specificity: | GRNAs are designed for use with Cas9 Nuclease only. | |
| Components: | Lentiviral particles with a set of 3 gRNAs (3 x 300 $\mu L)$ covering different sequences of Sirpb1a | |

Target Details

| Gene: | SIRP-beta (SIRPB1A) |
|-------------------|----------------------------|
| Alternative Name: | Sirpb1a (SIRPB1A Products) |
| NCBI Accession: | NM_001002898 |

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| Application Details | |
|---------------------|---|
| Application Notes: | Recommended for quality control: Restriction Enzyme Digest and Sequencing |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Viral Particles |
| Storage: | -80 °C |
| Expiry Date: | 12 months |
| Publications | |
| Product cited in: | Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991) |