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## Datasheet for ABIN5160406 Human SLC25A23 CRISPR gRNA in Lenti Particles

| Overview              |  |
|-----------------------|--|
| Quantity:             | 300 µL   |
| Gene:                 | SLC25A23   |
| Species:              | Human  |
| Insert:               | gRNA   |
| Vector:               | Lentiviral Vector  |
| Application:          | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN)   |
| Product Details       |  |
| Purpose:              | Individual gRNA against SLC25A23 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.  |

## Target Details

Components:

| Gene:             | SLC25A23                     |
|-------------------|------------------------------|
| Alternative Name: | SLC25A23 (SLC25A23 Products) |
| NCBI Accession:   | NM_024103                    |

Lentiviral particles with an individual gRNA (300  $\mu$ L) for a specific sequence of SLC25A23

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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, (<br>1991) |