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## Datasheet for ABIN5177101 Human STEAP1B CRISPR gRNA in Lenti Particles

| Overview     |  |
|--------------|--|
| Quantity:    | 3 x 300 µL   |
| Gene:        | STEAP1B  |
| Species:     | Human  |
| Insert:      | gRNA   |
| Vector:      | Lentiviral Vector  |
| Application: | Protein Expression (PExp), Genome Editing with Engineered Nucleases (GEEN) |

## Product Details

| Purpose:              | Set of 3 gRNA against STEAP1B 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 STEAP1B            |

## Target Details

| Gene:             | STEAP1B                    |
|-------------------|----------------------------|
| Alternative Name: | STEAP1B (STEAP1B Products) |
| NCBI Accession:   | NM_001164460               |

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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) |