

# TransduceIT™ Reagent

## Product Data Sheet

Product information for MIR 6620

SDS and Certificate of Analysis available at [mirusbio.com/6620](http://mirusbio.com/6620)



### SPECIFICATIONS

<b>Storage</b>	Store <i>TransduceIT™</i> Reagent at -20°C.
<b>Product Guarantee</b>	6 months from date of purchase, when properly stored and handled.
<b>Concentration</b>	10 mg/ml

**Product Description:** *TransduceIT™* Reagent is an aqueous solution of hexadimethrine bromide, a cationic polymer, that is shown to greatly enhance retroviral transduction and transgene expression in both dividing and quiescent mammalian cells. Final *TransduceIT™* Reagent concentrations of 5–10 µg/ml are appropriate for most transductions, although the optimal concentration for each cell type should be empirically determined.

**Product Usage:** Dilute *TransduceIT™* Reagent to an appropriate working concentration (2X) in pre-warmed complete growth medium (e.g. 10–20 µg/ml) immediately prior to retroviral transduction of target cells. Remove half the growth media from wells containing cells and replace with an equal volume of the *TransduceIT™* working stock for a final concentration of 5–10 µg/ml transduction reagent per well. Add the necessary volume of retroviral particles containing a gene of interest (GOI) to cells immediately thereafter. Gene expression should be measured 24-72 hours post-transduction.

**Product Size:** 1.0 ml at 10 mg/ml (in sterile H<sub>2</sub>O)

**Form/Appearance:** Clear liquid

**Molecular Weight:** 374.2 g/mol

**CAS Number:** 28728-55-4

**Precautions:** Review the product specific Safety Data Sheet (SDS) for additional information prior to handling this product.

**For Research Use Only**

Mirus Bio LLC

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## ▶ NOTES



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