



# Product Specification Summary

## Genetic Tools & Reagents

Catalog Number 40-5116-10

Product Name TCEP 0.5M solution; 1 mL

Size 1 mL

Description TCEP 0.5M solution; 1 mL

Component/Note Usage

It is 100X concentrated for use at 10  $\mu$ L/mL to reduce RNase disulfide bonds and Use at or 0.1M for thiol disulfide bonds. TCEP (tris(2-carboxyethyl)phosphine) is a component in Gene Link Omni-Pure™ RNA purification kits (40-4090-XX and 40-4080-XX). It is used a reducing agent to break disulfide bonds in RNase A and thus ensure high yield of RNA extraction by inhibiting RNase A activity.

TCEP is also recommended for reducing thiol labeled siRNA and other oligonucleotides.

Usage

It is 100X concentrated for use at 10  $\mu$ L/mL to reduce RNase disulfide bonds and use at 0.1M for thiol disulfide bonds in oligos to reduce to SH bonds.

Scan the QR Code or visit the following links

Product Information

<http://www.genelink.com/geneprodsite/product.asp?p=17319>



Product Manual

[http://www.genelink.com/Literature/ps/PS40-5116\\_TCEP\\_Ver2.1.pdf](http://www.genelink.com/Literature/ps/PS40-5116_TCEP_Ver2.1.pdf)



Product MSDS

[http://www.genelink.com/Literature/ps/MSDS\\_40-Omni-Pure.pdf](http://www.genelink.com/Literature/ps/MSDS_40-Omni-Pure.pdf)



## Related Products

Product	Catalog No	Size
Omni-Array™ mRN Antisense strand amplification kit	08-0021-02	1 Kit
Omni-Array™ Sense Strand mRNA Amplification Kit	08-0011-02	1 Kit
Omni-Marker™ Universal unlabeled; 100 uL	40-3005-01	100 uL
Omni- Marker™ Universal unlabeled; 500 uL	40-3005-05	500 uL
Omni-Marker™ Universal unlabeled; 1 mL	40-3005-10	1 mL
Omni- Marker™ Low unlabeled; 100 uL	40-3006-01	100 uL
Omni-Marker™ Low unlabeled; 500 uL	40-3006-05	500 uL
Omni- Marker™ Low unlabeled; 1 mL	40-3006-10	1 mL
GScan Marker Tamra Labeled 50 bp - 600 bp; 100 uL	40-3061-01	100 uL
GScan Marker Tamra Labeled 50 bp - 600 bp; 500 uL	40-3061-05	500 uL
Omni-Marker™ GScan-1 Tet labeled 50 bp-1kb	40-3071-01	100 ul
Omni-Marker™ GScan-1 Tet labeled 50 bp-1kb	40-3071-05	500 ul
Omni-Marker™ GScan-2 Tet labeled 50 bp- 600 bp	40-3072-01	100 ul
Omni-Marker™ GScan-2 Tet labeled 50 bp- 600 bp	40-3072-05	500 ul
GScan Marker Hex Labeled 50 bp - 600 bp; 100 uL	40-3081-01	100 uL