



# Product Specification Summary

## Genetic Tools & Reagents

Catalog Number	40-5116-C0100
Product Name	TCEP 0.5M solution; 100 mL
Size	100 mL
Description	TCEP 0.5M solution; 100 mL
Component/Note	TCEP 0.5M solution

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 as 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 uL/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=17438>

Product Manual  [http://www.genelink.com/Literature/ps/PS40-5116\\_TCEP\\_Ver2.3.pdf](http://www.genelink.com/Literature/ps/PS40-5116_TCEP_Ver2.3.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