

# TSK-GEL® Super Series Reversed Phase Columns

TSK-GEL Super-ODS • TSK-GEL Super-Octyl • TSK-GEL Super-Phenyl

TSK-GEL  
PRODUCT OVERVIEW

## Introduction

The TSK-GEL Super series columns, composed of TSK-GEL Super-ODS, Super-Octyl and Super-Phenyl, are high performance columns combining superior resolution and speed for reversed phase chromatography separations. These columns, packed with a 2µm, 140Å pore size spherical silica packing, are provided in three different functionalities for the selectivity you require. The high purity 2µm porous silica packing has no metallic sites to cause band broadening and the high level of endcapping prevents secondary interactions between your sample and the column packing.

The 2µm porous silica packing also provides a large surface area and higher loading capacity than similar non-porous materials. The narrow

particle size distribution results in low backpressures, comparable to columns packed with 3µm particles, and provides column efficiencies of more than 160,000 plates per meter. The main advantages of the TSK-GEL Super series columns are savings in time and solvent usage, in addition to the improved quantitation resulting from reduced band broadening.

## Product Highlights

- Super resolution with a 2µm porous silica particle size
- Super fast separations with analysis times of 1 to 10 minutes
- Super efficiencies - more than 160,000 TP/meter at flow rates ranging from 1 to 3mL/min

Figure 1. Rapid Separation of Protein Mixture on TSK-GEL Super Series Columns

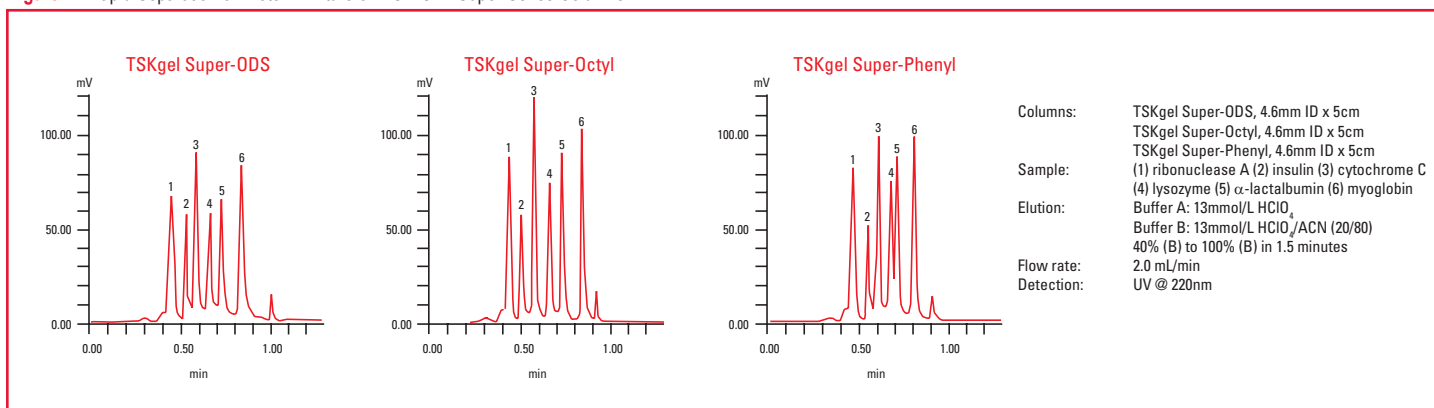
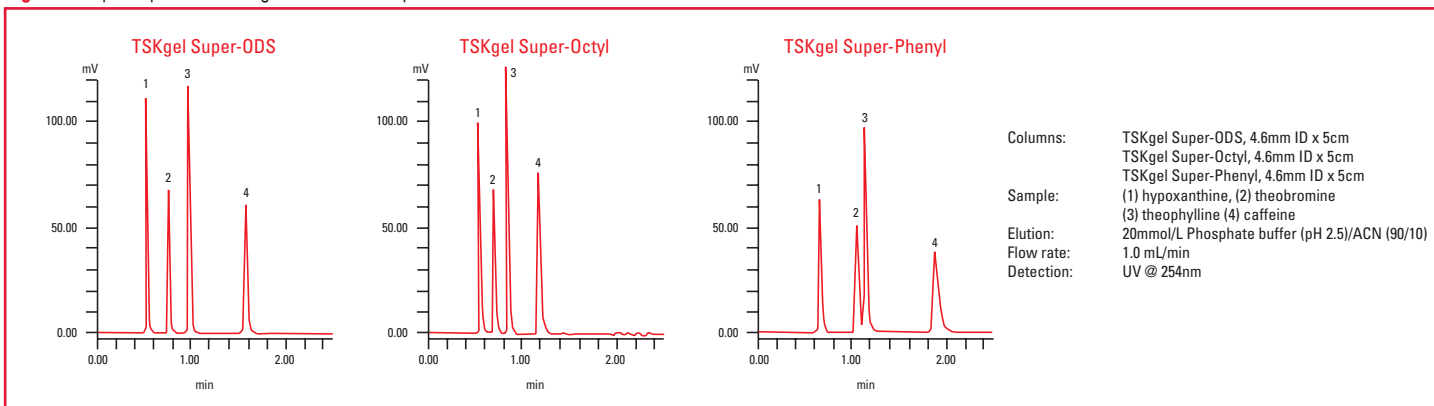


Figure 2. Rapid Separation of Drugs on TSK-GEL Super Series Columns



## Ordering Information

Part #	Description	Matrix	Housing	ID (mm)	Length (cm)
20015	<b>TSKgel Super-ODS, 2µm, 140Å</b>	Silica	Stainless Steel	1	5
20016	<b>TSKgel Super-ODS, 2µm, 140Å</b>	Silica	Stainless Steel	1	10
19541	<b>TSKgel Super-ODS, 2µm, 140Å</b>	Silica	Stainless Steel	2	5
19542	<b>TSKgel Super-ODS, 2µm, 140Å</b>	Silica	Stainless Steel	2	10
18154	<b>TSKgel Super-ODS, 2µm, 140Å</b>	Silica	Stainless Steel	4.6	5
18197	<b>TSKgel Super-ODS, 2µm, 140Å</b>	Silica	Stainless Steel	4.6	10
19672	<b>Guard Cartridge for 2mm ID Super-ODS columns, 3pk</b>	Silica	Stainless Steel	2	1
20013	<b>TSKgel Super-Octyl, 2µm, 140Å</b>	Silica	Stainless Steel	2	5
20014	<b>TSKgel Super-Octyl, 2µm, 140Å</b>	Silica	Stainless Steel	2	10
18275	<b>TSKgel Super-Octyl, 2µm, 140Å</b>	Silica	Stainless Steel	4.6	5
18276	<b>TSKgel Super-Octyl, 2µm, 140Å</b>	Silica	Stainless Steel	4.6	10
42176	<b>Guard Cartridge for 2mm ID Super-Octyl columns, 3pk</b>	Silica	Stainless Steel	2	1
20017	<b>TSKgel Super-Phenyl, 2µm, 140Å</b>	Silica	Stainless Steel	2	5
20018	<b>TSKgel Super-Phenyl, 2µm, 140Å</b>	Silica	Stainless Steel	2	10
18277	<b>TSKgel Super-Phenyl, 2µm, 140Å</b>	Silica	Stainless Steel	4.6	5
18278	<b>TSKgel Super-Phenyl, 2µm, 140Å</b>	Silica	Stainless Steel	4.6	10
42177	<b>Guard Cartridge for 2mm ID Super-Phenyl columns, 3pk</b>	Silica	Stainless Steel	2	1
19308	<b>Guard Cartridge Holder for 2mm ID cartridges</b>	Silica	Stainless Steel	2	1
18207	<b>Guardfilter for 4.6mm ID columns, 3pk</b>	Silica	Stainless Steel	4	0.4
18206	<b>Guardfilter Holders for guardfilters</b>	Silica	Stainless Steel	-	-



TOSOH

## TOSOH BIOSCIENCE

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