

DATASHEET



TUBULIN PEM BUFFER (5X)

Catalog Number	Volume
032003	5X1 ml

STORE AT 4 ° C

For research use only.

Made in the USA

NOTE: Tubulin PEM Buffer is also commonly referred to as BRB80.

Material

Tubulin PEM Buffer (5X) is comprised of 400 mM PIPES, 5 mM EGTA, and 5 mM MgCl₂ (pH = 6.8 with KOH).

Storage and Handling

Tubulin PEM Buffer (5X) is stable at 4°C for 1 year.

Uses

Tubulin PEM Buffer (5X) supports the stability and activity of purified tubulin *in vitro* when diluted to 1X and supplemented with 1 mM each DTT and guanosine (GTP or GMPCPP).

Visit www.PureSoluble.com/protocols for common microtubule polymerization protocols, including the generation of short, rigid microtubules stabilized by GMPCPP or long, flexible microtubules stabilized by taxol.



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