



3050 Spruce Street
Saint Louis, Missouri 63103 USA
Telephone (800) 325-5832 (314) 771-5765
Fax (314) 286-7828
email: techserv@sial.com
sigma-aldrich.com

Product Information

cDNA PROBE GLYCERALDEHYDE 3-PHOSPHATE DEHYDROGENASE

from Rat

Product Number **G 0789**

Storage Temperature $-20\text{ }^{\circ}\text{C}$

Product Description

Rat Glyceraldehyde 3-Phosphate Dehydrogenase (GAPDH; Accession number X02231) full-length cDNA probe is 1.35 kb cDNA that may be labeled with the label of choice (not supplied) and used as a probe in hybridization experiments.

Transcript size: 1.3 kb

Reagents

Rat GAPDH cDNA probe, 0.5 $\mu\text{g}/\text{vial}$.

Reagents Required but Not Provided

(Product numbers are given where appropriate.)

- Molecular biology grade water, Product No. W 4502
- All-in-One Random Prime Labeling Kit, Product Nos.:
 - R 7522, -dCTP in 1.5 ml tubes
 - R 9647, -dCTP strips of eight 0.2 ml tubes
 - R 7022, -dATP in 1.5 ml tubes
 - R 9522, -dATP strips of eight 0.2 ml tubes
- Labeled nucleotide

Precautions and Disclaimer

Rat Glyceraldehyde 3-Phosphate Dehydrogenase cDNA Probe is for laboratory use only; not for drug, household or other use.

Preparation Instructions

Reconstitute the rat GAPDH cDNA probe in 100 μl of molecular biology grade water to give a solution of 5 $\text{ng}/\mu\text{l}$ in 10 mM Tris-HCl, 1 mM EDTA, pH 8.0.

Storage/Stability

Store the probe at $-20\text{ }^{\circ}\text{C}$ prior to and after reconstitution.

Related Products

PerfectHyb Plus, Product No. H 7033
All-in-One Nick Translation Labeling Mix -dCTP, Product No. N 9155, N 8530
All-in-One Nick Translation Labeling Mix -dATP, Product No. N 8405, N 9280
Multiple Tissue Northern Blot, Product No. BLOT-1

References

1. Leader, D. P. *et al.*, *DNA*, **5**(3) 235-238 (1986).
2. Sambrook, *et al.*, *Molecular Cloning - A Laboratory Manual* p. 10.13, Cold Spring Harbor Press (1989).
3. Ausubel, F.M., *et al.*, *Short Protocols in Molecular Biology* John Wiley and Sons, Inc., USA (1995).

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