

# CUX1/CCP7 FISH Probe Kit

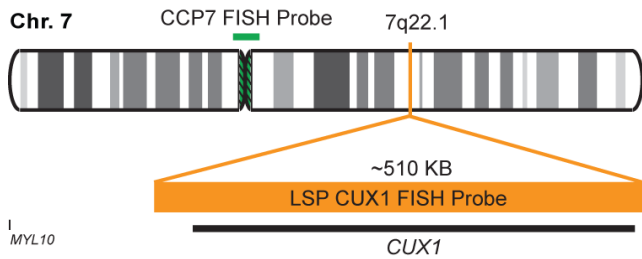
## Introduction

The CUX1/CCP7 FISH Probe Kit is designed to detect the human *CUX1* gene located on chromosome bands 7q22.1, along with the number of chromosome 7 copies per cell. Abnormalities in *CUX1* – also known as *p75*, *p200*, *p110*, *Nbla10317*, *GOLIM6*, *FLJ31745*, *Cux/CDP*, *Clox*, *CUX*, *CUTL1*, *COY1*, *CDP1*, *CDP/Cut*, *CDP*, or *CASP* – has been observed elevated in pancreatic, breast and other cancers.

Intended Use
To measure the copy number of the human <i>CUX1</i> gene located on chromosome band 7q22.1.

Cont.	Color
LSP CUX1 FISH Probe CCP7 FISH Probe	CytoOrange CytoGreen

## Probe Design



LSP CUX1 FISH Probe covers a chromosomal region which includes the entire *CUX1* gene. CCP7 FISH Probe, derived from chromosome 7-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 7 copies per cell.

Not to Scale

Cat. No.	Volume
CT-PAC128-10-OG	10 Tests (100 µL)

Signal Pattern Interpretation	
<u>Normal Patterns</u> 202G	<u>Abnormal Patterns</u> Other Patterns

- 1) De Vos J, et al. *Oncogene*. 21(44):6848-57 (2002).
- 2) Goulet B, et al. *Cancer Res*. 62(22):6625-33 (2002).
- 3) Tsutsumi S, et al. *Cancer Res*. 63(16):4882-7 (2003).
- 4) Thoennissen NH, et al. *Am J Hematol*. 86(8):703-5 (2011).
- 5) Moody TW, et al. *Ann N Y Acad Sci*. 921:26-32 (2000).



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\* CE IVD only available in certain countries. All other countries are either ASR or RUO. Please contact your local dealer or our headquarters for more information.