

## SKI/CCP1 FISH Probe Kit

### Introduction

The SKI/CCP1 FISH Probe Kit is designed to detect the human SKI gene located on chromosome band 1p36.33-p36.32, along with the number of chromosome 1 copies per cell. Deregulation of this gene – also known as SGS or SKV – has been observed in some lymphomas and in bone, kidney, gastric and other solid tumor types. Mutations in the gene have been found in the very rare Shprintzen–Goldberg syndrome.

### Intended Use

To measure the copy number of the human *SKI* gene located on chromosome band 1p36.33-p36.32.

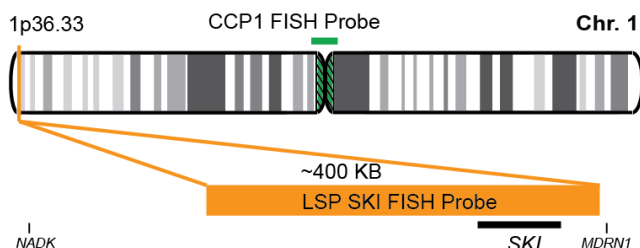
### Cont.

### Color

LSP SKI FISH Probe  
CCP1 FISH Probe

CytoOrange  
CytoGreen

### Probe Design



Not to Scale

LSP SKI FISH Probe covers a chromosomal region, which includes the entire *SKI* gene along with some upstream and downstream genomic sequences. CCP1 FISH Probe, derived from chromosome 1-specific alpha satellite DNA, is designed to serve as a control to determine the number of chromosome 1 copies per cell.

### Cat. No.

### Volume

CT-PAC258-10-OG

10 Tests (100 µL)

### Signal Pattern Interpretation

#### Normal Patterns

202G

#### Abnormal Patterns

Other Patterns

1. Yang H, et al. *Oncol. Rep.* 34(1):87-94 (2015).
2. Taguchi L, et al. *Cancer Sci.* 110(6):2063-2074 (2019).
3. Lestou VS, et al. 36(4):375-81 (2003).
4. Zhang H, et al. *Kaohsiung J. Med. Sci.* 35(4):214-221 (2019).
5. Verbeke SL, et al. *Genes Chromosomes Cancer* 54(2):72-81 (2015).

\* 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.

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