

## Product Datasheet

### SYBR Color qPCR SuperMix (orb1736807)

<b>Catalog Number</b>	orb1736807
<b>Category</b>	Tools
<b>Description</b>	<p>This product can be used for gene expression analysis of cDNA, absolute quantification of plasmids, gDNA and sequencing libraries. 1) Quickly get results, saving up to 50% of the time    2) Optimized ready-to-use master premix for rapid PCR reactions    3) Accurate detection of various starting amounts of template, stable amplification quantitative results with high repeatability    4) Balanced K<sup>+</sup> and NH<sub>4</sub><sup>+</sup> ion ratios ensure high sensitivity and specificity    5) Stand-alone ROX Reference Dye package for all Real-time PCR instruments    6) Reduces pipetting errors by tracking the pipetting process through the color change reaction between dyes. + SYBR Color qPCR SuperMix is an optimized 2 x Real-time PCR premix containing HotStarTaq DNA Polymerase, SYBR Green I fluorochrome dye, dNTP and Mg<sup>2+</sup> and High ROX. In addition, the balanced K<sup>+</sup> and NH<sub>4</sub><sup>+</sup> ion ratios in the buffer promote specific primer annealing, to ensure a highly sensitive and specific PCR reaction, the reaction can be initiated by simply adding the primer and cDNA template to the ready-to-use PCR master premix. The unique PCR buffer ensures sensitive qPCR on all real-time PCR instruments without optimization.  In addition, the product visualizes the spiking process through the color change reaction after the template is added, which greatly improves the spiking efficiency and avoids spiking errors.</p>
<b>Storage</b>	Store at -20°C in the dark.
<b>Note</b>	For research use only

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