

## Product datasheet

# HsPGK1 ChIP primer Exon 1 (Forward) ab83594

### Overview

<b>Product name</b>	HsPGK1 ChIP primer Exon 1 (Forward)
<b>Tested applications</b>	<b>Suitable for:</b> Real Time PCR

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: ddH2O
<b>Function</b>	In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein).
<b>Pathway</b>	Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 2/5.
<b>Involvement in disease</b>	Defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D) [MIM:300653]. It is a condition with a highly variable clinical phenotype that includes hemolytic anemia, rhabdomyolysis, myopathy and neurologic involvement. Patients can express one or more of these manifestations.
<b>Sequence similarities</b>	Belongs to the phosphoglycerate kinase family.
<b>Cellular localization</b>	Cytoplasm.

### Applications

Our [Abpromise guarantee](#) covers the use of **ab83594** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Real Time PCR		Use at an assay dependent dilution. Suitable for the analysis of chromatin immunoprecipitated DNA using Taqman® real time PCR. Quantity provided for 200 reactions. Please see the <a href="#">protocol page</a> for the instructions for this product.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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