

## Thermosensitive Gluconokinase E.Coli Recombinant

<b>Item Number</b>	rAP-1693
<b>Synonyms</b>	Thermosensitive gluconokinase, Gluconate kinase 1, idnK.
<b>Description</b>	IDNK E.Coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (1-187 a.a) and having a molecular mass of 23.4kDa.
<b>Uniprot Accesion Number</b>	P39208
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAGESFI LMGVSGSGKT LIGSKVAALL SAKFIDGDDL HPAK-NIDKMS QGIPLSDEDR LPWLERLNDA SYSLYKKNET GFIVCSSLKK QYRDLRKGS PHVHFLWLDG DYETILARMQ RRAGHFMPVA LLKSQFEALE RPQADEQDIV RIDINHDIAN  VTEQCRQAVL AIRQNRICAK EGSASDQRCE.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	IDNK protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**