

Product datasheet

Recombinant *E. coli* Thermosensitive gluconokinase protein ab187431

1 Image

Description

Product name	Recombinant <i>E. coli</i> Thermosensitive gluconokinase protein	
Purity	> 95 % SDS-PAGE. ab187431 was purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	<u>P39208</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Escherichia coli	
Sequence	MGSSHHHHHSSGLVPRGSHMGSMAGESFILMGVSGSG KTLIGSKVAALL SAKFIDGDDLHPAKNIDKMSQGIPLSDEDRLPWLERLNDA SYSLYKKNET GFVCSLKKQYRDILRKGSPHVHFLWLDGDYETILARMQR RAGHFMPVA LLKSQFEALERPQADEQDVRIDINHDIANVTEQCRQAVLAI RQNRICAK EGSASDQRCE	
Predicted molecular weight	23 kDa including tags	
Amino acids	1 to 187	
Tags	His tag N-Terminus	
Additional sequence information	(NCBI Accession No.: NP_418689)	
Description	Recombinant <i>E. coli</i> Thermosensitive gluconokinase protein	

Specifications

Our **Abpromise guarantee** covers the use of **ab187431** in the following tested applications.

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

Applications	SDS-PAGE
	Mass Spectrometry

Mass spectrometry	MALDI-TOF
Form	Liquid

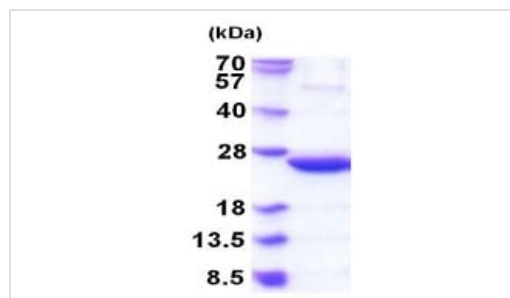
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 0.02% DTT, 0.88% Sodium chloride, 10% Glycerol (glycerin, glycerine)
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General Info

Relevance	D-gluconate kinase, thermosensitive, also known as idnk, D-gluconate kinase, thermosensitive, also known as idnk, is a 187 amino acid protein that belongs to the gluconokinase gntK/gntV family and catalyzes the conversion of ATP and D-gluconate to ADP and 6-phospho-D-gluconate.
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Images



15% SDS-PAGE analysis of 3µg ab187431.

SDS-PAGE - Recombinant *E. coli* Thermosensitive gluconokinase protein (ab187431)

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