9051 Mira Mesa Blvd, #910094
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C9ORF103 Human

Chromosome 9 Open Reading Frame 103 Human Recombinant
RCP0308

Product Overview

Name	C9ORF103 Human

Description

Chromosome 9 Open Reading Frame 103 Human Recombinant

Accession (Primary)	Q5T6J7

Synonyms

Chromosome 9 open reading frame 103, bA522I20.2, Gluconate kinase, glucokinase-like protein, probable gluconokinase, GNTK, EC 2.7.1.12.

Introduction

C9orf103 is a member of the gluconokinase gntK/gntV family. C9orf103 takes part in carbohydrate acid metabolism and D-gluconate degradation.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The C9ORF103 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.

Stability

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.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSH MAAPGA LLVMGVSGSG KSTVGALLAS ELGWKFYDAD DYHPEENRRK MGKGIPLNDQ DRIPWLCNLH DILLRDVASG QRVVLACSAL KKTYRDILTQ GKDGVALKCE ESGKEAKQAE MQLLVVHLSG SFEVISGRLL KREGHFMPPE LLQSQFETL PPAAPENFIQ ISVDKNVSEI IATIMETLKM K

Precautions

C9ORF103 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (Q5T6J7)