
Product Data Sheet

Product Name: C9ORF103 Human
 Cat. No.: GP22945
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Chromosome 9 open reading frame 103; bA522I20.2; Gluconate kinase; glucokinase-like protein; probable gluconokinase; GNTK; EC 2.7.1.12.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEMAAPGA LLVMGVSGSG KSTVGALLAS ELGWKFYDAD DYHPEENRRK MGKGIPLNDQ DRIPWLCNLH DILLRDVASG QRVVLACSAL KKTYRDILTQ GKDGVALKCE ESGKEAKQAE MQLLVHLSG SFEVISGRLL KREGHFMPPE LLQSQFETL PPAAPENFIQ ISVDKNVSEI IATIMETLKM K		
Formulation	The C9ORF103 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.		

Introduction

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

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.

Background

C9ORF103 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 211 amino acids (1-187) and having a molecular mass of 23.1kDa. C9ORF103 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA