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C9ORF103 Human

Description: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.

Catalog #:PRPS-1032

For research use only.

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

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMAAPGA LLVMGVSGSG KSTVGALLAS ELGWKFYDAD DYHPEENRRK MGKGIPLNDQ DRIPWLCNLH DILLRDVASG QRVVLACSAL KKTYRDILTQ GKDGVALKCE ESGKEAKQAE MQLLVVHLSG SFEVISGRLL KREGHFMPPE LLQSQFETL PPAAPENFIQ ISVDKNVSEI IATIMETLKM K

Purity: Greater than 95% as determined by SDS-PAGE.

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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

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

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