

Chromosome 9 Open Reading Frame 103 Human Recombinant

Item Number	rAP-3021
Synonyms	Chromosome 9 open reading frame 103, bA522I20.2, Gluconate kinase, glucokinase-like protein, probable gluconokinase, GNTK, EC 2.7.1.12.
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.
Uniprot Accession Number	Q5T6J7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAPGA LLVMGVSGSG KSTVGALLAS ELGWKFDAD DY- HPEENRRK MGKGIPLNDQ DRIPWLCNLH DILLRDVASG QRVVLACSAL KKTYRDILTQ GKDGVALKCE ESGKEAKQAE MQLLVVHLSG SFEVISGRLL KREGHFMPPE LLQSQFETL PPAAPENFIQ ISVDKNVSEI IATIMETLKM K
Source	E.coli.
Physical Appearance and Stability	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.
Formulation and Purity	The C9ORF103 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**