

NEUROG3, 1-214aa, Human, His tag, E.coli

Cat.NO.: TP03145

3th Edition

Synonyms:Neurogenin 3, Atoh5, bHLHa7, Math4B, ngn3

Description:NEUROG3 is a basic helix-loop-helix (bHLH) transcription factor involved in neurogenesis. The protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of congenital malabsorptive diarrhea 4 (DIAR4). Recombinant human NeuroG3 protein, fused to His-tag at N-terminus, was expressed in E.coli

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Molecular Weight:25.1 kDa (234aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMTPQPSGAPTVQVTRETERSFPRASEDEVTCPTSAPPSPTRTRGNCAEAEEGG
CRGAPRKLRARRGGRSRPKSELALSKQRRSRKKANDRERNRMHNLNSALDALRGVLPFPDDAKLTKIETLRFA
HNYIWALTQTLRIADHSLYALEPPAPHCGELGSPGGSPGDWGSLSYSPVSQAGSLSPAASLEERPGLLGATSSACLS
PGSLAFSDFL

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.