

Product information



NEUROG3, 1-214aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2498

Full name: Neurogenin 3

NCBI Accession No.: AAH74938.1

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*.

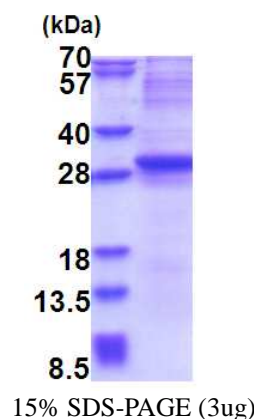
Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing

10% glycerol, 0.4M Urea

Molecular Weight: 25.1 kDa (234aa)

Purity: > 85% by SDS - PAGE

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



Sequences of amino acids:

MGSSHHHHHH SSSLVPRGSH MTPQPSGAPT VQVTRETERS FPRASEDEVT CPTSAPPSPT RTRGNCAEAE EGGCRGAPRK LRARRGGRSR
PKSELALSKQ RRSRRKKAND RERNRMHNLN SALDALRGVL PTFPDDAKLT KIETLRFahn YIWALTQTLR IADHSLYALE PPAPHCGELG
SPGGSPGDWG SLYSPVSQAG SLSPAASLEE RPGLLGATSS ACLSPGSLAF SDFL

General references:

Wang J., Cortina G. *et al.* (2006) *N. Engl. J. Med.* 355:270-280

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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