
Product Data Sheet

Product Name: NEUROG3 Human
 Cat. No.: GP20765
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Neurogenin 3; Class A Basic Helix-Loop-Helix Protein 7; Protein Atonal Homolog 5; BHLHA7; Math4B; NGN3; Atoh5.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MTPQPSGAPT VQVTRETERS FPRASEDEVT CPTSAPPSPT RTRGNCAEAE EGGCRGAPRK LRARRGGRSR PKSELALSKQ RRSRRKKAND RERNRMHNLN SALDALRGVL PTFPDDAKLT KIETLRFHFN YIWALTQTLR IADHSLYALE PPAPHCHELG SPGGSPGDWG SLYSPVSQAG SLSPAASLEE RPGLLGATSS ACLSPGSLAF SDFL		
Formulation	The NEUROG3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

NEUROG3 is a common helix-loop-helix (bHLH) transcription factor which takes part in neurogenesis. NEUROG3 functions as a heterodimer with another bHLH protein. Mutations in this gene can result in congenital malabsorptive diarrhea 4 (DIAR4).

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

NEUROG3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 234 amino acids (1-214) and having a molecular mass of 25.1 kDa. NEUROG3 is fused to a 20 amino acid His-tag at N-terminus.

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