

## 32-1616: NEUROG3 Recombinant Protein

**Alternative Name :** Neurogenin 3,Class A Basic Helix-Loop-Helix Protein 7,Protein Atonal Homolog 5,BHLHA7,Math4B,NGN3,Atoh5.

### Description

Source : Escherichia Coli. 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. 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).

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The NEUROG3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MTPQPSGAPT VQVTRETERS FPRASEDEVT CPTSAPPSPT  
RTRGNCAEAE EGGCRGAPRK LRARRGGRSR PKSELALSKQ RRSRRKKAND RERNRMHNLN  
SALDALRGVL PTFPDDAKLT KIETLRFahn YIWALTQTLR IADHSLYALE PPAPHCgELG SPGGSPGDWG  
SLYSPVsqAG SLSPAASLEE RPGLLGATSS ACLSPGSLAF SDFL

