

## Product datasheet for **TP324767**

### Neurogenin3 (NEUROG3) (NM\_020999) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human neurogenin 3 (NEUROG3), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC224767 representing NM\_020999

**Red**=Cloning site **Green**=Tags(s)

MTPQPSPGAPTQVQVTRERERSFPRASEDEVTCPTSAPPSPTRTRGNCAEAEEGGCRGAPRKLRRARRGGRSR  
PKSELALSKQRRSRRKKANDRERNRMHNLNSALDALRGVLPFPDDAKLTKIETLRFHNYIWALTQTLR  
IADHSLYALEPPAPHCHELSPGGSPGDWGLYSPVQAGSLSPAASLEERPGLLGATSSACLSPGSLAF  
SDFL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 22.9 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_066279](#)

**Locus ID:** 50674

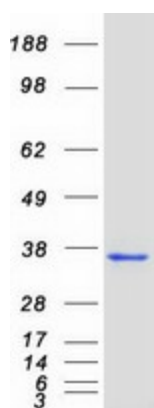
**UniProt ID:** [Q9Y4Z2](#)



[View online »](#)

RefSeq Size:	1167
Cytogenetics:	10q22.1
RefSeq ORF:	642
Synonyms:	Atoh5; bHLHa7; Math4B; NGN-3; ngn3
Summary:	The protein encoded by this gene is a basic helix-loop-helix (bHLH) transcription factor involved in neurogenesis. The encoded protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of congenital malabsorptive diarrhea 4 (DIAR4).[provided by RefSeq, May 2010]
Protein Families:	ES Cell Differentiation/IPS
Protein Pathways:	Maturity onset diabetes of the young

### Product images:



Coomassie blue staining of purified NEUROG3 protein (Cat# TP324767). The protein was produced from HEK293T cells transfected with NEUROG3 cDNA clone (Cat# [RC224767]) using MegaTran 2.0 (Cat# [TT210002]).