

Product datasheet for **TP324767M**

Neurogenin3 (NEUROG3) (NM_020999) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neurogenin 3 (NEUROG3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224767 representing NM_020999 Red =Cloning site Green =Tags(s)
	<p>MTPQPSGAPTQVQVTRETERSFPRASEDEVTCPTSAPPSPTRTRGNCAEAEEGGCRGAPRKLRRARRGGRSR PKSELALSQRRSRKKANDRERNRMHNLNSALDALRGVLPFPDDAKLTKIETLRFAHNYIWALTQTLR IADHSLYALEPPAPHCHELSPGGSPGDWGSLSYSPVQAGSLSPAASLEERPGLLGATSSACLSPGSLAF SDFL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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 , Q5VVI0



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RefSeq Size: 1167

Cytogenetics: 10q22.1

RefSeq ORF: 642

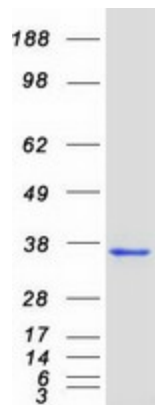
Synonyms: Atoh5; bHLHa7; Math4B; NGN-3; ngn3

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]).