

## Product datasheet for **TP762407**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human neurogenin 3 (NEUROG3), full length, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the full length of NEUROG3
Tag:	N-His
Predicted MW:	23.0 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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 after receiving vials.
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:	<a href="#">NP_066279</a>
Locus ID:	50674
UniProt ID:	<a href="#">Q9Y4Z2</a> , <a href="#">Q5WV10</a>
RefSeq Size:	1167
Cytogenetics:	10q22.1
RefSeq ORF:	642
Synonyms:	Atoh5; bHLHa7; Math4B; NGN-3; ngn3



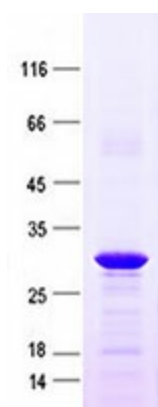
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**Summary:** The protein encoded by this gene is a basic helix-loop-helix (bHLH) transcription factor involved in neurogenesis. The encoded protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of congenital 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:**



Purified recombinant protein NEUROG3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.