

## Product datasheet for **AR51318PU-S**

### Neurogenin-3 / NEUROG3 (1-214, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Neurogenin-3 / NEUROG3 (1-214, His-tag) human protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MTPQPSGAPT VQVTRETERS FPRASEDEVT CPTSAPPSPT RTRGNCAEAE EGGCRGAPRK LRARRGGRSR PKSELALSKQ RRSRRKKAND RERNRMHNLN SALDALRGVL PTFPDDAKLT KIETLRFahn YIWALTQTLR IADHSLYALE PPAPHCGELG SPGGSPGDWG SLYSPVSQAG SLSPAASLEE RPGLLGATSS ACLSPGSLAF SDFL
Tag:	His-tag
Predicted MW:	25.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_066279</a>
Locus ID:	50674
UniProt ID:	<a href="#">Q9Y4Z2</a> , <a href="#">Q5VVI0</a>
Cytogenetics:	10q22.1
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]



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Protein Families: ES Cell Differentiation/IPS

Protein Pathways: Maturity onset diabetes of the young

### Product images:

