

Recombinant Human NEUROG3 Protein, His-tagged

Cat. No. NEUROG3-787H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEUROG3(Arg93~Leu214) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg93~Leu214
Description	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).
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	14.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

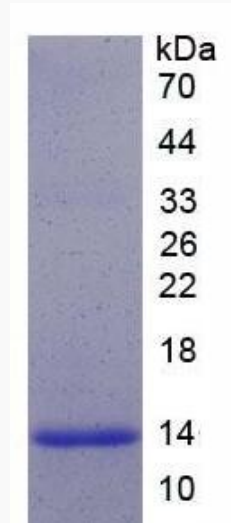
GENE INFORMATION

Gene Name	NEUROG3 neurogenin 3 [Homo sapiens]
Official Symbol	NEUROG3
Synonyms	NEUROG3; neurogenin 3; neurogenin-3; Atoh5; bHLHa7; Math4B; ngn3; protein atonal homolog 5; class A basic helix-loop-helix protein 7; NGN-3;
Gene ID	50674
mRNA Refseq	NM_020999
Protein Refseq	NP_066279
MIM	604882
UniProt ID	Q9Y4Z2

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