

Recombinant Human NEUROG3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NEUROG3-794H **Lot. No.** (See product label)

SPECIFICATION

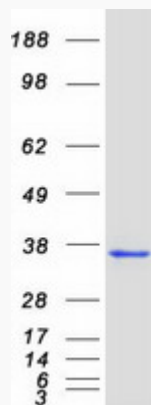
Product Overview	NEUROG3 MS Standard C13 and N15-labeled recombinant protein (NP_066279) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a basic helix-loop-helix (bHLH) transcription factor involved in neurogenesis. 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).
Molecular Mass	22.9 kDa
AA Sequence	MTPQPSGAPTVQVTRETERSFPRASEDEVTCPTSAPPSPTRTRGNCAEAEEGGCR GAPRKLRARRGGRSRPKSELALSKQRRSRKKANDRERNRMHNLNSALDALRGVL PTFPDDAKLTKIETLRFHNYIWALTQTLRIADHSLYALEPPAPHCGELGSPGGSPGD WGSLYSPVSQAGSLSPAASLEERPGLLGATSSACLSPGSLAFSDFLTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NEUROG3 neurogenin 3 [Homo sapiens (human)]
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

SDS-PAGE

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