

Recombinant Mouse Neurog1 Protein, Myc/DDK-tagged

Cat. No. Neurog1-4385M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length neurogenin 1 (Neurog1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a transcriptional regulator. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Associates with chromatin to enhancer regulatory elements in genes encoding key transcriptional regulators of neurogenesis.
Molecular Mass	26.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Neurog1 neurogenin 1 [Mus musculus (house mouse)]
Official Symbol	Neurog1
Synonyms	NEUROG1; neurogenin 1; neurogenin-1; NGN-1; neurogenic differentiation 3; helix-loop-helix protein mATH-4C; neurogenic differentiation factor 3; neurogenic basic-helix-loop-helix protein; AKA; ngn1; Math4C; bHLHa6; Neurod3
Gene ID	18014
mRNA Refseq	NM_010896
Protein Refseq	NP_035026
UniProt ID	P70660

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