

Product datasheet for **TP307029M**

Neurogenin 1 (NEUROG1) (NM_006161) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neurogenin 1 (NEUROG1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207029 protein sequence Red =Cloning site Green =Tags(s)
	<p>MPARLETCSIDLDCASSSGSDLSGFLTDEEDCARLQQAASASGPPAPARRGAPNISRASEVPGAQDDEQE RRRRRGRTRVRSEALLHSLRRSRVKANDRERNRMHNLNAALDALRSVLPSPDDTKLTKIETLRFAYNY IWALAETLRLADQGLPGGGARERLLPPQCVPCPLPGPPSPASDAESWGSGAAAASPLSDPSSPAASEDFTY RPGDPVFSFPLPKDLLHTTPCFIPYH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	25.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	NP_006152
Locus ID:	4762
UniProt ID:	Q92886 , F1T0H3



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RefSeq Size: 1717

Cytogenetics: 5q31.1

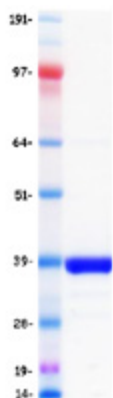
RefSeq ORF: 711

Synonyms: AKA; bHLHa6; Math4C; NEUROD3; ngn1

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

Product images:



Coomassie blue staining of purified NEUROG1 protein (Cat# [TP307029]). The protein was produced from HEK293T cells transfected with NEUROG1 cDNA clone (Cat# [RC207029]) using MegaTran 2.0 (Cat# [TT210002]).