

Product datasheet for PH307029

Neurogenin 1 (NEUROG1) (NM_006161) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NEUROG1 MS Standard C13 and N15-labeled recombinant protein (NP_006152)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207029
Predicted MW:	25.7 kDa
Protein Sequence:	>RC207029 protein sequence Red=Cloning site Green=Tags(s) MPARLETICISDLDCASSSGDL SGFLTDEEDCARLQQAASASGPPAPARRGAPNISRASEVPGAQDDEQE RRRRRGRTRVRSEALLHSLRRSRVKANDRERNRMHNLNAALDALRSVLPSPFPDDTKLTKIETLRFAYNY IWALAETLRLADQGLPGGGARERLLPPQCVPLPGPPSPASDAESWGSGAAAASPLSDPSSPAASEDFTY RPGDPVFSFPSLPKDLLHTTPCFIPYH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006152
RefSeq Size:	1717
RefSeq ORF:	711
Synonyms:	AKA; bHLHa6; Math4C; NEUROD3; ngn1
Locus ID:	4762
UniProt ID:	Q92886 , F1T0H3



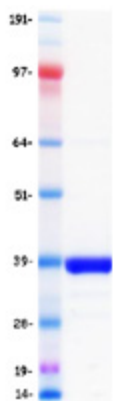
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Cytogenetics: 5q31.1

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 enhance 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]).