

Recombinant Human NeuroD1 Protein

Catalog Number: 230-00871

Data Sheet / Certificate of Analysis (CoA)

Last Revised: 11/26/2024

Source

Species	Human
Accession Number	Q13562
Gene Symbols	NEUROD1
Synonyms	NeuroD1, Neuronal Differentiation 1, Neurogenic Helix-Loop-Helix Protein NEUROD, Class A Basic Helix-Loop-Helix Protein 3, Beta-Cell E-Box Transactivator 2, NEUROD, BHLHa3, Basic Helix-Loop-Helix Transcription Factor, Neurogenic Differentiation 1, NeuroD1, BETA2, BHF-1, MODY6
Expressed Region	Thr2-Asp356

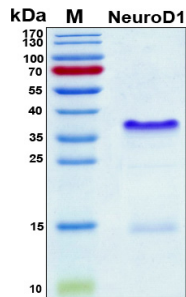
Preparation

Expression System	E. coli
Tag	N-terminal 6x histidine tag
Purity	>85%
Molecular Weight	37 kDa

Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.45 ?m filtered solution in 1x PBS (pH 7.4).
Concentration	Determined by Bio-Rad protein assay dye reagent concentrate.
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5~1.0 mg/mL with sterile deionized water.

SDS-PAGE Image



Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer.
- Generally, the shelf life is up to 12 months from date of receipt at -20°C or -80°C under sterile conditions.
- Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots at -20°C or -80°C.