

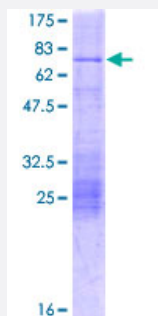
Full-Length

NEUROD2 (Human) Recombinant Protein (P01)

Catalog # H00004761-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NEUROD2 full-length ORF (AAH22481.1, 1 a.a. - 382 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLTRLFSEPGLLSDVPKFASWGDGEDDEPRSDKGDAPPPPPAPGPGAPGPAAKPVPLRG
EEGTEATLAEVKEEGELGEEEEEEEEEEGLDEAEGERPKKGGPKKRMTKARLERSKLRRQK
ANARERNRMHDLNAAALDNLRKVPCYSKTQKLSKIETLRLAKNYWALSEILRSGKRPDLVSYVQT
LCKGLSQPTTNLVAGCLQLNSRNFLTEQGADGAGRFGSGGPFAMHPYPYPCSLAGAACQAA
GGLGGGAHALRTHGYCAAYETLYAAAGGGGASPDYNSSEYEGPLSPPLCLNGNFSKQDSSP
DHEKSYHYSMHYSALPGSRPTGHGLVFGSSAVRGGVHSENLLSYDMHLHHDGRGPMYEELNAFF
HN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NEUROD2

Entrez GeneID [4761](#)

GeneBank Accession# [BC022481.1](#)

Protein Accession# [AAH22481.1](#)

Gene Name NEUROD2

Gene Alias MGC26304, NDRF, bHLHa1

Gene Description neurogenic differentiation 2

Omim ID [601725](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of this gene can induce transcription from neuron-specific promoters, such as the GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can induce neurogenic differentiation in non-neuronal cells in *Xenopus* embryos, and is thought to play a role in the determination and maintenance of neuronal cell fates. [provided by RefSeq]

Other Designations neuroD-related factor|neurogenic basic-helix-loop-helix protein|neurogenic differentiation factor 2

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)