Datasheet for ABIN1635250

NEUROD1 Protein (AA 1-355) (His tag)

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Overview

Quantity:	1 mg
Target:	NEUROD1
Protein Characteristics:	AA 1-355
Origin:	Golden Syrian Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEUROD1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTKSYSESGL MGEPQPQGPP SWTDECLSSQ DEDHEADKKE DELEAMNAEE DSLRNGGDEE DEDEDLEEED EEEEEDDQKP KRRGPKKKKM TKARLERFKL RRMKANARER NRMHGLNAAL DNLRKVVPCY SKTQKLSKIE TLRLAKNYIW ALSEILRSGK SPDLVSFVQT LCKGLSQPTT NLVAGCLQLN PRTFLPEQNP DMPPHLPTAS ASFPVHPYSY QSPGLPSPPY GTMDSSHVFQ VKPPPHAYSA TLEPFFESPL TDCTSPSFDG PLSPPLSING NFSFKHEPSA EFEKNYAFTM HYPAATLAGP QSHGSIFSGA TAPRCEIPID NIMSFDSHSH HERVMSAQLN AIFHD
Specificity:	Mesocricetus auratus (Golden hamster)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	NEUROD1
Alternative Name:	Neurogenic differentiation factor 1 (NEUROD1) (NEUROD1 Products)
Background:	Recommended name: Neurogenic differentiation factor 1. Short name= NeuroD1. Alternative name(s): Beta-cell E-box transcriptional activator 2. Short name= Beta2
UniProt:	Q60430
Pathways:	Dopaminergic Neurogenesis, Hormone Transport, Carbohydrate Homeostasis

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.