Datasheet for ABIN7584400

GAD Protein (AA 1-593) (His tag)

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Overview

Quantity:	100 µg
Target:	GAD (GAD1)
Protein Characteristics:	AA 1-593
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAD protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASSTPSPAT SSNAGADPNT TNLRPTTYDT WCGVAHGCTR KLGLKICGFL QRTNSLEEKS RLVSAFRERQ ASKNLLSCEN SDPGARFRRT ETDFSNLFAQ DLLPAKNGEE QTVQFLLEVV DILLNYVRKT FDRSTKVLDF HHPHQLLEGM EGFNLELSDH PESLEQILVD CRDTLKYGVR TGHPRFFNQL STGLDIIGLA GEWLTSTANT NMFTYEIAPV FVLMEQITLK KMREIIGWSN KDGDGIFSPG GAISNMYSIM AARYKYFPEV KTKGMAAVPK LVLFTSEHSH YSIKKAGAAL GFGTDNVILI KCNERGKIIP ADLEAKILDA KQKGFVPLYV NATAGTTVYG AFDPIQEIAD ICEKYNLWLH VDAAWGGGLL MSRKHRHKLS GIERANSVTW NPHKMMGVLL QCSAILVKEK GILQGCNQMC AGYLFQPDKQ YDVSYDTGDK AIQCGRHVDI FKFWLMWKAK GTVGFENQIN KCLELAEYLY AKIKNREEFE MVFNGEPEHT NVCFWYIPQS LRGVPDSPER REKLHRVAPK IKALMMESGT TMVGYQPQGD KANFFRMVIS NPAATQSDID FLIEEIERLG QDL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	GAD (GAD1)
Alternative Name:	Glutamate decarboxylase 1 (Gad1) (GAD1 Products)
Background:	Recommended name: Glutamate decarboxylase 1. EC= 4.1.1.15. Alternative name(s): 67 kDa glutamic acid decarboxylase. Short name= GAD-67 Glutamate decarboxylase 67 kDa isoform
UniProt:	P18088

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

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.