

Datasheet for ABIN7590840

DDIT4 Protein (AA 1-229) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	DDIT4
Protein Characteristics:	AA 1-229
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDIT4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPSLWDRFSS SSSSSSSSRT PAADRPPRSA WGSAAAREEGL DRCASLESSD CESLDSSNSG FGPEEDSSYL DGVSLPDFEL LSDPEDEHLC ANLMQLLQES LSQARLGSRP PARLLMPSQL LSQVGKELLR LAYSEPCGLR GALLDVCVEQ GKSCHSVAQL ALDPSLVPTF QLTLVLR LDS RLWPQIQGLL SSANSSLVPG YSQLTLSTG FRVIKKKLYS SEQLLIEEC
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	DDIT4
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Target Details

Alternative Name:	DNA damage-inducible transcript 4 protein (Ddit4) (DDIT4 Products)
Background:	Recommended name: DNA damage-inducible transcript 4 protein. Alternative name(s): HIF-1 responsive protein RTP801 Protein regulated in development and DNA damage response 1. Short name= REDD-1
UniProt:	Q8VHZ9
Pathways:	Neurotrophin Signaling Pathway , Regulation of Carbohydrate Metabolic Process

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 modified 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.