Datasheet for ABIN7585279

NRF2 Protein (AA 1-604) (His tag)

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Overview

Quantity:	100 µg
Target:	NRF2 (NFE2L2)
Protein Characteristics:	AA 1-604
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NRF2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MMDLELPPPG LQSQQDMDLI DILWRQDIDL GVSREVFDFS QRQKDYELEK QKKLEKERQE QLQKEQEKAF FAQLQLDEET GEFLPIQPAQ HIQTDTSGSV SYSQVAHIPK QDALYFEDCM QLLAETFPFV DDHEVSSPTF QSLALDIPSH VESSVFTTPD QAQSLDSSLE TAMTDLSSIQ QDMEQVWQEL FSIPELQCLN TENKQQAETT TVPSPEATLT EMDSNYHFYS SIPSLEKEVD SCSPHFLHGF EDSFSSILST DDASQLNSLD SNPTLNTDFG DEFYSAFLAE PSGGGSMPSS AAISQSLSEL LGGPIEGCDL SLCKAFNQKH TEGTVEFNDS DSGISLNTSP SRASPEHSVE SSIYGDPPPG FSDSEMEELD SAPGSVKQNG PKAQPTHSSG DTVQPLSPAQ GHSAAVHESQ CENTTKKEVP VSPGHQKVPF TKDKHSSRLE AHLTRDELRA KALHIPFPVE KIINLPVDDF NEMMSKEQFN EAQLALIRDI RRRGKNKVAA QNCRKRKLEN IVELEQDLGH LKDEREKLLR EKGENDRNLH LLKRKLSTLY LEVFSMLRDE DGKPYSPSEY SLQQTRDGNV FLVPKSKKPD TKKN
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:	NRF2 (NFE2L2)
Alternative Name:	Nuclear factor erythroid 2-related factor 2 (Nfe2l2) (NFE2L2 Products)
Background:	Recommended name: Nuclear factor erythroid 2-related factor 2. Short name= NF-E2-related factor 2. Short name= NFE2-related factor 2. Alternative name(s): Nuclear factor, erythroid derived 2, like 2
UniProt:	O54968
Pathways:	ER-Nucleus Signaling, Negative Regulation of intrinsic apoptotic Signaling

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

Handling

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