



[Go to Product page](#)

Datasheet for ABIN1474868
KEAP1 Protein (AA 1-624) (His tag)

Overview

Quantity:	1 mg
Target:	KEAP1
Protein Characteristics:	AA 1-624
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KEAP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MQPEPKPSGA PRSSQFLPLW SKCPEGAGDA VMYASTECKA EVTPSQDGNR TFSYTLLEDHT KQAFGIMNEL RLSQQLCDVT LQVKYEDIPA AQFMAHKVVL ASSSPVFKAM FTNGLREQGM EVVSIIEGIHP KVMERLIEFA YTASISVGEK CVLHVMNGAV MYQIDSVVRA CSDFLVQQLD PSNAIGIANF AEQIGCTELH QRAREYIYMH FGEVAKQEEF FNLSHCQLAT LISRDDLNV CESEVFHACI DWVKYDCPQR RFYVQALLRA VRCHALTPRF LQTQLQKCEI LQADARCKDY LVQIFQELTL HKPTQAVPCR APKVGRLIYT AGGYFRQSL S YLEAYNPSNG SWLRLADLQV PRSLGAGCVV GLLLYAVGGR NNSPDGNTDS SALDCYNPMT NQWSPCASLS VPRNRSGGGV IDGHIYAVGG SHGCIHHSSV ERYEPDRDEW HLVAPMLTRR IGVGVAVLNR LLYAVGGFDG TNRLNSAECY YPERNEWMI TPMNTIRSGA GVCVLHSCIY AAGGYDGQDQ LNSVERYDVE TETWTFVASM KHRRSALGIA VHQGRIYVLG GYDGHFTFLDS VECYDPD TDT WSEVTRLTSG RSGVGVAVTM EPCRKQIDQQ NCTC</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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: KEAP1

Abstract: [KEAP1 Products](#)

Background: Recommended name: Kelch-like.
ECH-associated protein 1.
Alternative name(s): Cytosolic inhibitor of Nrf2.
Short name= INrf2

UniProt: [P57790](#)

Pathways: [Maintenance of Protein Location](#)

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

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.