

Datasheet for ABIN1667688
Ricin Protein (AA 36-302) (His tag)



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Overview

Quantity: 1 mg

Target: Ricin

Protein Characteristics: AA 36-302

Origin: Ricinus communis

Source: Yeast

Protein Type: Recombinant

Purification tag / Conjugate: This Ricin protein is labelled with His tag.

Application: ELISA

Product Details

Sequence: IFPKQ YPIINFITAG ATVQSYTNFI RAVRGRLTTG ADVRHEIPVL PNRVGLPINQ RFIIVELSNH
AELSVTLALD VTNAYVVGYS AGNSAYFFHP DNQEDAEAIT HLFTDVQNRV TFAFGGNYDR
LEQLAGNLRE NIELGNLPLE EASALYYYS TGQTQLPTLA RSFIICQMI SEARFQYIE
GEMRTRIRYN RRSAPDPSVI TLENSWGRLS TAIQESNQGA FASPIQLQRR NGSKFSVYDV
SILIPIALM VYRCAPPPSS QF

Specificity: Ricinus communis (Castor bean)

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:	Ricin
Abstract:	Ricin Products
Background:	Recommended name: Ricin Cleaved into the following 3 chains: 1. Ricin A chain. EC= 2. 3.2.2.22. Alternative name(s): rRNA N-glycosidase Linker peptide Ricin B chain
UniProt:	P02879

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.