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## Datasheet for ABIN1475654 LRP3 Protein (AA 37-496) (His tag)

### Overview

Quantity:	1 mg
Target:	LRP3
Protein Characteristics:	AA 37-496
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRP3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	VPAL AACSGKLEQH TERRGVIYSP AWPLNYPPGT NCSWYIQGDR GDMITISFRN FDVEESHQCS LDWLLLGPAA PPRQEAFLRC GSAIPPAFIS ARDHVWIFFH SDASSSGQAQ GFRLSYIRGK LGQASCQTDE FRCDNGKCLP GPWQCNMVDE CGDGSDEGNC SAPASEPPGS LCPGGTFPCS GARSTRCLPV ERRCDGTQDC GDGSDEAGCP DLACGRRLGS FYGSFASPD L FGAARGPSDL HCTWLVD TQD PRRVLLQLEL RLG YDDYVQV YEGLGERGDR LLQ TLSYRSN HRPVSLEAAQ GRLTVAYHAR ARSAGHGFNA TYQVKGYCLP WEQPCGSSSE GDDGSTGEQG CFSEPQRCDG WWHCASGRDE QGCPACPPDQ YPCEGGSGLC YAPADRCNNQ KSCPDGADEK NCFSCQPGTF HCGTNLCIFE TWRCDGQEDC QDGSDEHGCL AAVPRK
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: LRP3

Alternative Name: Low-density lipoprotein receptor-related protein 3 (Lrp3) ([LRP3 Products](#))

Background: Recommended name: Low-density lipoprotein receptor-related protein 3.  
Short name= LRP-3.  
Alternative name(s): 105 kDa low-density lipoprotein receptor-related protein.  
Short name= rLRp105

UniProt: [O88204](#)

## Application Details

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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

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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

## Handling

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