

Datasheet for ABIN7583359

RED1 Protein (AA 1-711) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RED1 (ADARB1)
Protein Characteristics:	AA 1-711
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RED1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MDIEDEENMS SSSIDVKENR NLDNMPPKDS STPGPGEGIP LSNGGGGSTS RKRPLEEGSN</p> <p>GHSKYRLKKR RKTPGPVLPK NALMQLNEIK PGLQYMLLSQ TGPVHAPLFV MSVEVNGQVF</p> <p>EGSGPTKKKA KLHAAEKALR SFVQFPNASE AHLAMGRTLS VNTDFTSDQA DFPDTLFNGF</p> <p>ETPDKSEPPF YVGSNGDDSF SSSGDVSLSA SPVPASLTQP PLPIPPPFPP PSGKNPVMIL</p> <p>NELRPGLKYD FLSESGESHA KSFVMSVVVD GQFFEGSGRN KKLAKARAAQ SALATVFNLH</p> <p>LDQTPSRQPV LSEGLQLHLP QVLADAVSRL VLGKFSDLTD NFSSPHARRK VLSGVVMTTG</p> <p>TDVKDAKVIS VSTGTKCING EYMSDRGLAL NDCHAEISR RSLRFLYAQ LELYLNNKED</p> <p>QKKSIFQKSE RGGFRLKDTV QFHLYISTSP CGDARIFSPH EPVLEGMAPD SHQLTEPADR</p> <p>HPNRKARGQL RTKIESGEGT IPVRNASIQ TWDGVLQGER LLTMSCSDKI ARWNVVGIQG</p> <p>ALLSIFVEPI YFSSIILGSL YHGDHLSRAM YQRISNIEDL PPLYTLNKPL LSGISNAEAR</p> <p>QPGKAPNFSV NWTVGDTAIE VINATTGKDE LGRPSRLCKH ALYCRWMRVH GKVPPHLLRT</p> <p>KITKPTTYHE SKLAAKEYQA AKARLFTAFI KAGLGAWVEK PTEQDQFSFT P</p>
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Product Details

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:	RED1 (ADARB1)
Alternative Name:	Double-stranded RNA-specific editase 1 (Adarb1) (ADARB1 Products)
Background:	<p>Recommended name: Double-stranded RNA-specific editase 1.</p> <p>EC= 3.5.-.-.</p> <p>Alternative name(s): RNA-editing deaminase 1 RNA-editing enzyme 1 dsRNA adenosine deaminase</p>
UniProt:	P51400

Application Details

Comment:	<p>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.</p>
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.