

Datasheet for ABIN7583362
ADD2 Protein (AA 1-725) (His tag)



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Overview

Quantity:	100 µg
Target:	ADD2
Protein Characteristics:	AA 1-725
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADD2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSEDTVPEAA SPPPSQGQHY FDRFSEDDPE YLRLRNRAAD LRQDFNLMEQ KKRVTMILQS</p> <p>PSFREELEGL IQEQMKKGNN SSNIWALRQI ADFMASTSHA VFPASSMNFS MMTPINDLHT</p> <p>ADSLNLAKGE RLMRCKISSV YRLLDLYGWA QLSDTYVTLR VSKEQDHFLI SPKGVSCSEV</p> <p>TASSLIKVNI LGEVVEKGSS CFPVDTTGFS LHS AIYAARP DVRCAIHLHT PATAAVSAMK</p> <p>CGLLPVSHNA LLVGDMAYYD FNGEMEQEAD RINLQKCLGP TCKILVLRNH GMVALGDTVE</p> <p>EAFYKVFHLQ AACEVQVSAL SSAGGTENLI LLEQEKHRPH EVGSVQWAGS TFGPMQKSRL</p> <p>GEHEFEALMR MLDNLGYRTG YTYRHPFVQE KTKHKSEVEI PATVTAFVFE EDGVPVPALR</p> <p>QHAQKQKQEK TRWLNTPN TY LRVNVADEVQ RNMGSPRPKT TWMKADEV EK SSSGMPIRIE</p> <p>NPNQFVPLYT DPQEVLD MRN KIREQNRQDI KSAGPQS QLL ASVIAEKSRS PSTESQLASK</p> <p>GDADTKDELE ETVPNPFSQL TDQEELEYK EVERKKLEQE QEGEKDAATE EPGSPVKSTP</p> <p>ASPVQSPTRA GTKSPAVSPS KASEDAKKTE VSEANTEPEP EKPEGVVVNG KEEEPCVEEV</p> <p>LSKGGPGQMTT NADTDGDSYK DKTESVTSGP LSPEGSPSKS PSK KKKKKFRT PSFLKKS KKK</p>
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Product Details

	EKVES
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:	ADD2
Alternative Name:	Beta-adducin (Add2) (ADD2 Products)
Background:	Recommended name: Beta-adducin. Alternative name(s): Adducin-63 Erythrocyte adducin subunit beta
UniProt:	Q05764
Pathways:	Regulation of Actin Filament Polymerization

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.