

Datasheet for ABIN7589418

MICALCL Protein (AA 1-687) (His tag)



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Overview

Quantity:	100 µg
Target:	MICALCL
Protein Characteristics:	AA 1-687
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MICALCL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MNQRALSPPK EPPSSSSSS PSLPSSFSSA SVPGHTTDDS SSPQVPAYNL HSPQISRDDV
 SPTPIYLRRRA RAQGITKEIP LYLPHPMLE STEHCLVSPD GEELRSPEEI SASDGCQKAL
 ALGNSESTHK DSYPVSGKDP YLPNQMLALG AAGNTGDLSE ESRMGQTGGA ELSKERKLGL
 KKLVLTEEQK TMLLDWNDYT QEHKAGERLA QEKAENGRGN SLKPICSSTL SQAVKEKLLS
 QKKALGETRT PAAKAPRERE VPPPKSPLRL IANAIFRSL PSSEAGKKT SKPETKTLPR
 GQPHAFTRSF SFRKLGSSKD GDQQSPGRHM AKKASAFFSL ASPTSAAAQA SDLSPNPIL
 RSRSLPNRPS KMFFATTSLP PSSKVEDVPT LLEKVSQDA AQGPKKGASH ISPLGLKDKS
 FESFLQECKE RKDIGDFFNS PKEKGPPG NR VPSLEKLVQP VDSTSMGQVA HPSSTGQDAR
 PGAPVTEDTS SPTSSSAEED VETQLSSRLK EKIPRRRRKL EKQMAKQEEL KRLHKAQAIQ
 RQLEEVEERQ RTSEIQGVRL EKVL RGETDS GTQDEAQLLQ EWFKLVLEKN KLMRYESELL
 IMAQELELED HQSRLEQKLR QKMLKDEGQK DENDLKEEQE IFEEMMQVIE QRNKLVSLE
 EQRIKERTQD QHFENFVLSR GCQLSRT

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:	MICALCL
Alternative Name:	MICAL C-terminal-like protein (Micalcl) (MICALCL Products)
Background:	Recommended name: MICAL C-terminal-like protein. Alternative name(s): ERK2-binding testicular protein 1 Ebitein-1 Protein RSB-11-77
UniProt:	Q4G091

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

Handling

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