

Datasheet for ABIN1594054

Calypso, (CALYPSO) (AA 1-470) protein (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Calypso, (CALYPSO)
Protein Characteristics:	AA 1-470
Origin:	Mosquito
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MPVDINRLTD GWLELESDPG LFTLLLEDFG VKGVQVEEIIY DLQKTIIEGPV FGFIFLFRWI EERRARRKIV ETTTEMYVKD EEAVNSIFFA HQVVPNSCAT HALLSVLLNC SDIDLGTTLS RLKVHTKGM C PDNKGWAIGN TPELACAHNS HAMPQARRRM DRNSGVSTGR FTGEAFHFVS FCPINGHLFE LDGLKPFPM D HGPWGEKEDW TDKFRRVMSD RLGISTDRRI AITHKLMMLR TNQTIVSAAL EKLLKSKQLE SRSQAEIRET VDKIKKEEQE STVKLSSEYS QLLEMHEKDE PAVAMSKELE SLVSLNSSSD SVEIIGETEI KKENPPPSPP PAFIGAGTFS PKDLLSLLKN LESEINITEQ HLCDENEKRA MFKVDDCRRT HNYDEFICTF LSMLAYQGEL GDLVTQHLVT SRKPSLGGVQ NSGSRGVVRN YNKKSTTNGS SPKTPSSKRR RGRTKYRKRK
Specificity:	Culex quinquefasciatus (Southern house mosquito) (Culex pungens)
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

Purity: > 90 %

Target Details

Target: Calypso, (CALYPSO)

Alternative Name: Ubiquitin carboxyl-terminal hydrolase calypso (calypso) ([CALYPSO Products](#))

Background: Recommended name: Ubiquitin carboxyl-terminal hydrolase calypso.
EC= 3.4.19.12.
Alternative name(s): BAP1 homolog

UniProt: [B0W2R4](#)

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.