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Datasheet for ABIN1632555

Chromosome 6 Open Reading Frame 134 (C6orf134) (AA 1-418) protein (His tag)

Overview

Quantity:	1 mg
Target:	Chromosome 6 Open Reading Frame 134 (C6orf134)
Protein Characteristics:	AA 1-418
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MEFEFDVHKI FLEPITKLDN NLIPRRPLI SSSEAQKQIM TVIDEIGKAS AKAQRLPASI TSASRMQANK HHLYILKDCT PKTAGRGAVI GFLKVGYYKKL FILDQKGS HI EAEPLCILDF YIHESLQRHG FGKELFSFML RNEQVDVQHL AIDRPSEKFL SFLRKHFNLW STIPQVNNFV VFEGFFRDRK ASVKKTPAKR TEGEIKPYSL TDRDFLKQEE GLPWPLSQAQ INLNRASSLG SSPTRACSRP PPGCEEDVKS LRNCRPHSLQ RAASSEQEDH SQRRRTSEM N LSRGLLAQKN GYSRYLSPPP PLLTQGYPYAA AQIKEQQSRT DSSAQEGRTQ DRPNGSNSQH QNDLISSKQH VQDLHMELAA GRTMSDLKEG QNATKSPWCD HPSYTVLGT V LNAAWVKKKQ ELRSTRPW
Specificity:	Xenopus laevis (African clawed frog)
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:	Chromosome 6 Open Reading Frame 134 (C6orf134)
Alternative Name:	Alpha-tubulin N-acetyltransferase (atat1) (C6orf134 Products)
Background:	Recommended name: Alpha-tubulin N-acetyltransferase. Short name= Alpha-TAT. Short name= TAT. EC= 2.3.1.108. Alternative name(s): Acetyltransferase mec-17 homolog
UniProt:	Q5FWM1

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.