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MYST2 Protein (AA 1-214, partial) (GST tag)



Image



Go to Product page

Overview

Quantity:	100 μg
Target:	MYST2
Protein Characteristics:	AA 1-214, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYST2 protein is labelled with GST tag.
Application:	ELISA
Product Details	

Sequence:	MPRRKRNAGS SSDGTEDSDF STDLEHTDSS ESDGTSRRSA RVTRSSARLS QSSQDSSPVR
	NLQSFGTEEP AYSTRRVTRS QQQPTPVTPK KYPLRQTRSS GSETEQVVDF SDRETKNTAD
	HDESPPRTPT GNAPSSESDI DISSPNVSHD ESIAKDMSLK DSGSDLSHRP KRRRFHESYN
	FNMKCPTPGC NSLGHLTGKH ERHFSISGCP LYHN
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	MYST2
Alternative Name:	Histone acetyltransferase MYST2 protein (MYST2 Products)

Target Details

Background:	Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a
	reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in
	vivo. Through chromatin acetylation it may regulate DNA replication and act as a coactivator of
	TP53-dependent transcription. Specifically represses AR-mediated transcription.
Molecular Weight:	51.1 kD
UniProt:	095251

Application Details

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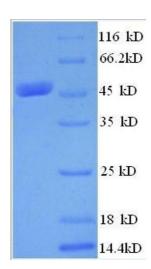
The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the 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 modificated 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



SDS-PAGE

Image 1. MYST Histone Acetyltransferase 2 (MYST2) (AA 1-214), (partial) protein (GST tag)