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Datasheet for ABIN1660418

Histone H1.3 Protein (HIST1H1D) (AA 2-217) (His tag)

Overview

Quantity:	1 mg
Target:	Histone H1.3 (HIST1H1D)
Protein Characteristics:	AA 2-217
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Histone H1.3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AETASTETT PAAPPAEPKQ KKKKQQPKKA AGGAKAKKPS GPSASELIVK SVSASKERGG VSLAALKKAL AAGGYDVERN NSRLKLALKA LVTKGTLTQV KGSGASGSFK LNKKQLETKV KAVAKKKLVA PKAKKPVTAK KKPSPKPKPK KVSAAAASP KKAKKPVKAA KSPKPKAVK SKKVTKSPAK KATKPKAAKA KIAKAKAAKG KKAAAKK
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:	Histone H1.3 (HIST1H1D)
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Target Details

Alternative Name: Histone H1C ([HIST1H1D Products](#))

Background: Recommended name: Histone H1C.
Alternative name(s): Clone XLHW2

UniProt: [P15866](#)

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.
