Datasheet for ABIN4369870

HIST1H1E Protein (AA 1-219) (GST tag)

1 Image

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Overview

Quantity:	10 µg
Target:	HIST1H1E
Protein Characteristics:	AA 1-219
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIST1H1E protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	HIST1H1E (Human) Recombinant Protein (P01)
Sequence:	MSETAPAAPA APAPAEKTPV KKKARKSAGA AKRKASGPPV SELITKAVAA SKERSGVSLA ALKKALAAAG YDVEKNNSRI KLGLKSLVSK GTLVQTKGTG ASGSFKLNKK AASGEAKPKA KKAGAAKAKK PAGAAKKPKK VTGAATPKKS AKKTPKKAKK PAAAAGAKKA KSPKKAKAAK PKKAPKSPAK AKAVKPKAAK PKTAKPKAAK PKKAAAKKK
Characteristics:	Human HIST1H1E full-length ORF (BAG36431.1, 1 a.a. - 219 a.a.) recombinant protein with GST tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	HIST1H1E

Target Details

Alternative Name:	HIST1H1E (HIST1H1E Products)
Background:	Synonyms: H1.4,H1F4,MGC116819,dJ221C16.5 Gene Description: histone cluster 1, H1e Gene Name: HIST1H1E Gene Summary: Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. GenBank: AK313681.1, BAG36431.1
Molecular Weight:	50.49 kDa (theoreatical)
Gene ID:	3008

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Images

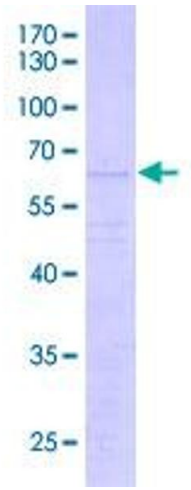

Image 1.