



Recombinant Nucleosomes Ag (DAG-WT1838)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Purity	> 90 % as determined by SDS-PAGE
Conjugate	His
Applications	ELISA, CLIA, LFIA,
Molecular Weight	40 kDa
Format	Liquid or Lyophilized powder
Size	100 µg, 500 µg
Buffer	10mM PB, 150mM NaCl, pH7.4
Preservative	None
Storage	Store at -20°C to -80°C. Avoid repeated freeze/thaw cycles

BACKGROUND

Introduction

A nucleosome is the basic structural unit of DNA packaging in eukaryotes. The structure of a nucleosome consists of a segment of DNA wound around eight histone proteins and resembles thread wrapped around a spool. The nucleosome is the fundamental subunit of chromatin. Each nucleosome is composed of a little less than two turns of DNA wrapped around a set of eight proteins called histones, which are known as a histone octamer. Each histone octamer is composed of two copies each of the histone proteins H2A, H2B, H3, and H4.

Keywords Nucleosome; DNA; H2A; H2B; H3; H4