

## Product datasheet

# Recombinant Human Histone Octamer protein ab216230

[1 Image](#)

### Description

<b>Product name</b>	Recombinant Human Histone Octamer protein	
<b>Purity</b>	≥ 98 % SDS-PAGE.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<u><a href="#">Q7L7L0</a></u> <u><a href="#">Q16778</a></u> <u><a href="#">P68431</a></u> <u><a href="#">P62805</a></u>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Amino Acid Sequence 1</b>		
<b>Species</b>	Human	
<b>Sequence</b>	SGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGN YSERVGAGAPVY LAAVLEYLTA EILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLGG RVTIAQGGVLPNIQAVLLPKKT ESHHKAKGK	
<b>Amino acids</b>	2 to 130	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	(NM_033445).	
<b>Amino Acid Sequence 2</b>		
<b>Species</b>	Human	
<b>Sequence</b>	PEPAKSAPAPKKGSKKAVTKAQKKGKRRKRSRKESYSI YVYKVLKQVHP DTGISSKAMG IMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAV RLLLPGELAKHAVSEGTKAVTK YTSSK	
<b>Amino acids</b>	2 to 126	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	(NM_003528).	

### Amino Acid Sequence 3

<b>Species</b>	Human
<b>Sequence</b>	ARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPH RYPGTVLRE IRRYQKSTEL LIRKLPFQRLVREIAQDFKTDLRFQSSAVMALQEACEA YLVLGFEDTNLCAIHA KRVTIM PKDIQLARRIGERA
<b>Amino acids</b>	2 to 136
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	(NM_003532).

### Amino Acid Sequence 4

<b>Species</b>	Human
<b>Sequence</b>	SGRGKGGKGLGKGGAKRHRKVL RDNIQGITKPAIRRLARR GGVKRISGLI YEETRGVLKV FLENVIRDAV TYTEHAKRKTVTAMDVVYALKRQGRTLY GFGG
<b>Amino acids</b>	2 to 103
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	(NM_003548). Global MW = 113.8 kDa.

### Specifications

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Our **Abpromise guarantee** covers the use of **ab216230** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	Storing diluted protein is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 0.12% Tris, 11.6% Sodium chloride, 0.03% EDTA, 0.05% Beta mercaptoethanol, 10% Glycerol (glycerin, glycerine)
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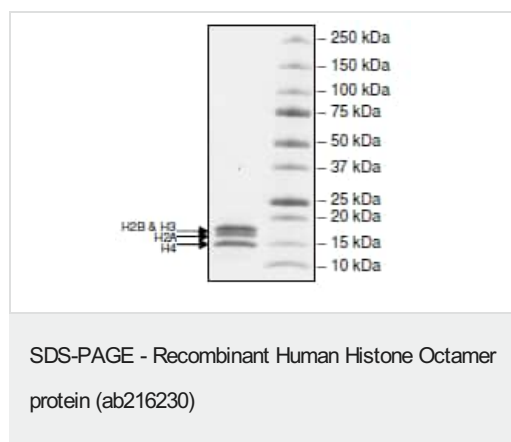
### General Info

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<b>Relevance</b>	The Histone Octamer is composed of a central heterotetramer of two copies of both histones H3 and H4, flanked by two heterodimers of histones H2A and H2B. The octamer assembles when the H3/H4 tetramer complexes with two H2A/H2B dimers. These histones of the histone octamer all contain N-terminal tails that emanate from their central histone folds and are targets for epigenetic modification.
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## Images

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4-20% SDS-PAGE analysis of ab216230 (2 µg Octamer).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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