

## Histone H3 (1-35) (TFA)

Cat. No.: HY-P2465A  
Batch No.: 109141  
Chemical Name: L-Valine, L-alanyl-L-arginyl-L-threonyl-L-lysyl-L-glutaminyL-L-threonyl-L-alanyl-L-arginyl-L-lysyl-L-seryl-L-threonylglycylglycyl-L-lysyl-L-alanyl-L-prolyl-L-arginyl-L-lysyl-L-glutaminyL-L-leucyl-L-alanyl-L-threonyl-L-lysyl-L-alanyl-L-alanyl-L-arginyl-L-lysyl-L-seryl-L-alanyl-L-prolyl-L-alanyl-L-threonylglycylglycyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>151</sub>H<sub>270</sub>F<sub>3</sub>N<sub>55</sub>O<sub>47</sub>  
Molecular Weight: 3665.15  
Storage: Sealed storage, away from moisture  
Powder            -80°C      2 years  
                         -20°C      1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ARTKQTARKSTGGKAPRKQLATKAARKSAPATGGV (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 99.85%  
Peptide Content (%): 67.00%  
Nitrogen Content(N%): 14.54%  
Carbon Content(C%): 39.24%  
Hydrogen Content(H%): 6.134%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA