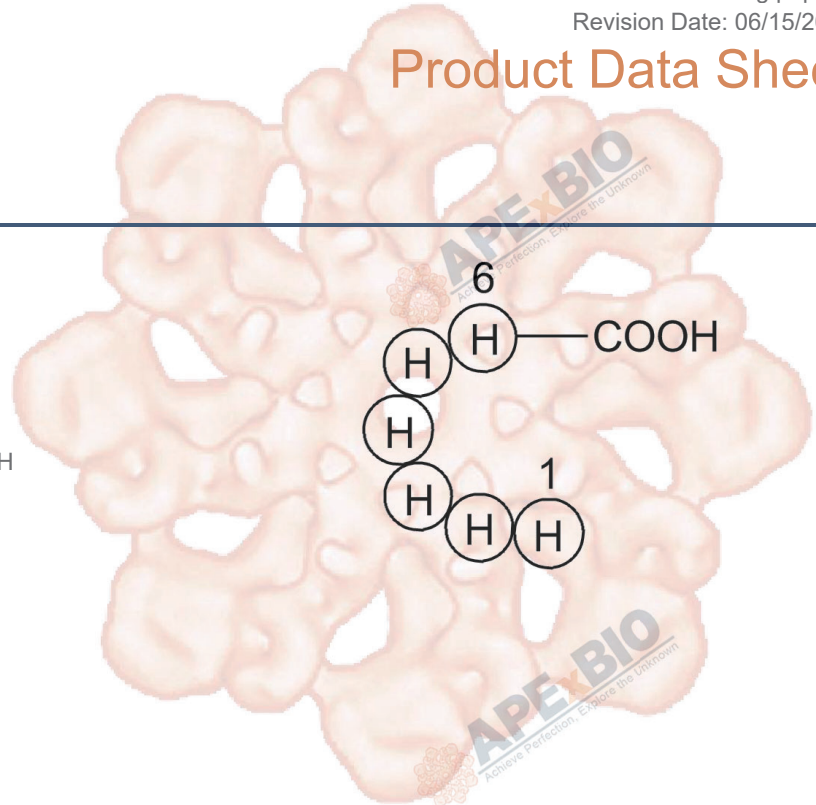


# Product Data Sheet

## Hexa His tag peptide

**Cat. No.:** A6006  
**CAS No.:**  
**Formula:** C36H44N18O7  
**M.Wt:** 840.85  
**Synonyms:** H-His-His-His-His-His-His-OH  
**Target:** Tag Peptides  
**Pathway:**  
**Storage:** Desiccate at -20°C



### Solvent & Solubility

≥84.1 mg/mL in DMSO; ≥123.4 mg/mL in EtOH with ultrasonic; ≥67.5 mg/mL in H<sub>2</sub>O

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.1893 mL	5.9464 mL	11.8927 mL
	<b>5 mM</b>	0.2379 mL	1.1893 mL	2.3785 mL
	<b>10 mM</b>	0.1189 mL	0.5946 mL	1.1893 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

Synthetic 6XHis peptide

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. Chang M, Qin Q, et al. "Carboxymethylated polyethylenimine modified magnetic nanoparticles specifically for purification of His-tagged protein." J Sep Sci. 2018 Nov 28.PMID:30488556
2. Guo M, Tang X, et al. "Comparative study of the adjuvant potential of four Th0 cytokines of flounder (Paralichthys olivaceus) on an E. tarda subunit vaccine." Dev Comp Immunol. 2018 Sep;86:147-155.PMID:29746982
3. Bartoschik T, Galinec S, et al. "Near-native,site-specific and purification-free protein labeling for quantitative protein interaction analysis by MicroScale Thermophoresis." Sci Rep. 2018 Mar 21;8(1):4977.PMID:29563556
4. Guo M, Tang X, et al. "The Immune Adjuvant Effects of Flounder (Paralichthys olivaceus) Interleukin-6 on E.tarda Subunit Vaccine OmpV." Int J Mol Sci. 2017 Jul 5;18(7). pii: E1445.PMID:28678171

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## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APEX BIO Technology**

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