
Hexa-His Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350220

Unit: 1 mg

Description:

The hexa-His (6xHis) peptide is used as a fusion tag for immunoaffinity chromatography. The 6xHis tag binds divalent cations in their oxidized states.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Histidine tag; His-Tag; His tag; 6xHis; Hexa-His

MW: 840.86 g/mol

Sequence: Human: H-His-His-His-His-His-His-OH or H-HHHHHH-OH

Composition: C₃₆H₄₂N₁₈O₆

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

Product Citations: [1] Hoang T et al. 2013. Endocrinology. doi:10.1210/en.2012-2049. PMID# 23462962 [2] Tamura K. et al. 2010. Blood. 115: 850-859. PMID# 19965624.

For research use only, not for diagnostic or therapeutic procedures.