

**HIF-1 alpha (556-574)****Cat. No.:** RP20479**Size:** 1 mg**Alias:** HIF-1 alpha (556-574)**Description:**

This is a hypoxia-inducible factor-1 19-mer fragment. HIF-1 functions as master regulator of response to oxygen homeostasis. Hypoxia-induced gene expression is initiated when HIF-1 subunit is stabilized in response to a lack of oxygen. This part of HIF-1 binds to the von Hippel-Lindau factor (VHL) an E3 ubiquitin ligase, and the proline 564 is absolutely vital to the binding process.

**Sequence (one-letter code):**

DLDLEMLAPYIPMDDDFQL

**Sequence (three-letter code):**

{Asp}{Leu}{Asp}{Leu}{Glu}{Met}{Leu}{Ala}{Pro}{Tyr}{Ile}{Pro}{Met}{Asp}{Asp}{Asp}{Phe}{Gln}{Leu}

**Formula:** C<sub>101</sub>H<sub>152</sub>N<sub>20</sub>O<sub>34</sub>S<sub>2</sub>**Molecular Weight:** 2,254.6**Purity:** > 95%**Storage:**

Store the peptide at -20°C.

**Note:**

\*For Non-Clinical Research Use Only \*

