

Rev03
Update: Feb,10,2022

DATASHEET

Adrenocorticotrophic Hormone (ACTH) (1-39), human

Cat. No.: RP11304

Overview

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|----------------------------|---|
| Synonyms | ACTH (1-39), humanCorticotropin |
| Description | Adrenocorticotrophic hormones (ACTH). ACTH stimulates the adrenal cortex and the secretion of glucocorticoids such as cortisol. Another name for ACTH is corticotropin. |
| Cas No | 12279-41-3 |
| Sequence | {SER}{TYR}{SER}{MET}{GLU}{HIS}{PHE}{ARG}{TRP}{GLY}{LYS}{PRO}{VAL}{GLY}{LYS}{LYS}{ARG}{ARG}{PRO}{VAL}{LYS}{VAL}{TYR}{PRO}{ASN}{GLY}{ALA}{GLU}{ASP}{GLU}{SER}{ALA}{GLU}{ALA}{PHE}{PRO}{LEU}{GLU}{PHE} |
| Sequence Shortening | SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAAEAFPLEF |
| Molecular Formula | C ₂₀₇ H ₃₀₈ N ₅₆ O ₅₈ S |
| Molecular Weight | 4541.13 |

Properties

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|-------------------|--|
| Purity | > 95% |
| Solubility | Soluble in water (1 mg/ml), clear, colorless |
| Form | Lyophilized |
| Storage | Store the peptide at -20°C. |