



Recombinant ACTH (DAG-WT3234)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Purity	> 85% as determined by SDS-PAGE
Conjugate	His
Applications	CLIA
Format	Liquid
Size	1 mg
Buffer	50mM Tris, 300mM NaCl, 250mM imidazole, 20 % glycerol, pH8.0
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Adrenocorticotrophic hormone (ACTH; also adrenocorticotropin, corticotropin) is a polypeptide hormone produced by and secreted by the anterior pituitary gland. It is also used as a medication and diagnostic agent. ACTH is an important component of the hypothalamic-pituitary-adrenal axis and is often produced in response to biological stress (along with its precursor corticotropin-releasing hormone from the hypothalamus). Its principal effects are increased production and release of cortisol and androgens by the cortex and medulla of the adrenal gland, respectively. ACTH is also related to the circadian rhythm in many organisms.
Keywords	ACTH; Adrenocorticotrophic hormone