

## CRH Human (146-196)

*Corticotropin Releasing Hormone (146-196 a.a.) Human Recombinant*

HRM0015

### Product Overview

Name	CRH Human (146-196)
Catalog #	HRM0015
Accession(Primary)	P06850
Description	Corticotropin Releasing Hormone (146-196 a.a.) Human Recombinant
Precautions	

### Target information(P06850)

Synonyms

Gene ID

Other Names

Function

Cellular location

Note

#### Background

CRH is a neuropeptide which regulates body's response to stress. CRH takes part in the hypothalamic-pituitary-adrenal axis which controls the production of cortisol and other glucocorticoids. CRH is synthesized in different tissues such as the brainstem, hypothalamus and peripheral organs. In Pregnancy, CRH regulates parturition and fetal development. CRH binds 2 types of receptors- CRH receptor 1 and CRH receptor 2, both are G-protein-coupled receptors (GPCRs). After binding CRHR1, CRH initiates a cascade of intracellular signalling which leads to the release of ACTH from the anterior pituitary. This release stimulates cortisol secretion from the adrenal glands, which is necessary for controlling the body's stress response and maintain energy balance and immune function.

