

Corticotropin-releasing factor receptor 1

Catalog No: #AP78845



Package Size: #AP78845-1 50ug #AP78845-2 100ug #AP78845-3 1mg

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Description

Product Name	Corticotropin-releasing factor receptor 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Rat
Immunogen Description	Recombinant protein
Other Names	Crhr, Corticotropin-releasing hormone receptor 1, CRH-R-1
Accession No.	P35353 Gene name: Crhr1
Uniprot	P35353
GeneID	58959;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

G-protein coupled receptor for CRH (corticotropin-releasing factor) and UCN (urocortin). Has high affinity for CRH and UCN. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and down-stream effectors, such as adenylate cyclase. Promotes the activation of adenylate cyclase, leading to increased intracellular cAMP levels. Inhibits the activity of the calcium channel CACNA1H. Required for normal embryonic development of the adrenal gland and for normal hormonal responses to stress. Plays a role in the response to anxiogenic stimuli.

References

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Note: This product is for in vitro research use only