

Recombinant Rat Crh protein, His & GST-tagged

Cat. No. Crh-7794R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Crh aa. (Gln39~Lys187 (Accession # P01143)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln39~Lys187
Description	Binds CRH receptors and mediates neuroendocrine stress response; may play a role in the consolidation of long term memory.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Crh corticotropin releasing hormone [*Rattus norvegicus* (Norway rat)]

Official Symbol

Crh

Synonyms

Crh; corticotropin releasing hormone; CRF; corticoliberin; corticotropin-releasing factor

Gene ID

81648

mRNA Refseq

NM_031019.1

Protein Refseq

NP_112281.1

UniProt ID

P01143

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