

Recombinant Rat Hcrt protein, His & GST-tagged

Cat. No. Hcrt-2652R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hcrt aa. (Ala32~Ala123 (Accession # O55232)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala32~Ala123
Description	Neuropeptide; involved in feeding behavior and hormone secretion regulation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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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

Hcrt hypocretin neuropeptide precursor [*Rattus norvegicus* (Norway rat)]

Official Symbol

Hcrt

Synonyms

Hcrt; hypocretin neuropeptide precursor; orexin-A; orexin; Hypocretin (orexin) neuropeptide

Gene ID

25723

mRNA Refseq

NM_013179.2

Protein Refseq

NP_037311.1

UniProt ID

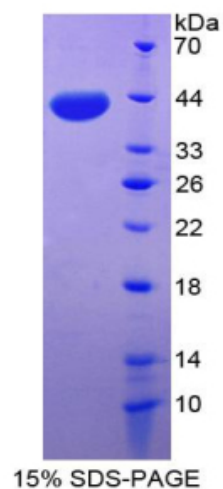
O55232

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SDS-PAGE



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