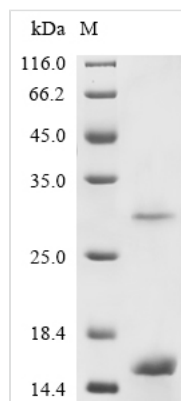




Recombinant Rat Progonadoliberin-1 (Gnrh1)

Product Code	CSB-EP009635RA
Abbreviation	Recombinant Rat Gnrh1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P07490
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QHWSYGLRPGGKRNTEHLVDSFQEMGKEEDQMAEPQNFECTVHWPRSPLR DLRGALERLIEEEAGQKKM
Research Area	Developmental Biology
Source	E.coli
Target Names	Gnrh1
Expression Region	24-92aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	12.2 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Description

Take your research to the next level with our Recombinant Rat Hemopexin. This specialized protein product, encoded by the Rat 'Hpx' gene, is at the heart of heme binding studies. Whether your work focuses on heme metabolism or broader physiological processes, our Hemopexin protein is crafted to meet your experimental requirements.

Our team meticulously develops this protein in an E.coli expression system, ensuring its structure spans the entire mature protein length from the 24th to the 460th amino acid. To optimize your work, we've appended an N-terminal 6xHis-tag to the protein, simplifying its purification and detection in your experiments. With a confirmed purity level exceeding 90% through SDS-PAGE analysis, the quality of this product is guaranteed. Choose between the convenience of a liquid form or the long-lasting stability of a lyophilized powder. Trust in our Recombinant Rat Hemopexin to deliver precise and dependable results.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.