



Recombinant Cat Endothelin-1 (EDN1)

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|--------------------------|---|
| Product Code | CSB-EP692689CA-B |
| Abbreviation | EDN1 |
| 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. | Q5NRQ1 |
| Product Type | Recombinant Protein |
| Immunogen Species | Felis catus (Cat) (Felis silvestris catus) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | CSCSSLLD KECVYFCHLD IIW |
| Source | E.coli |
| Target Names | EDN1 |
| Protein Names | Recommended name: Endothelin-1 Short name= ET-1 Alternative name(s): Preproendothelin-1 Short name= PPET1 |
| Expression Region | 53-73 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Cytoplasmic domain |
| Target Details | This protein is proteolytically processed to release a secreted peptide termed endothelin 1. This peptide is a potent vasoconstrictor and is produced by vascular endothelial cells. Endothelin 1 also can affect the central nervous system. Two transcript variants encoding different isoforms have been found for this gene. |
| 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. |