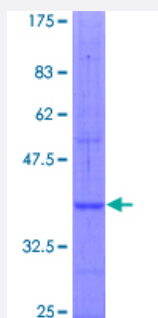


NPR3 (Human) Recombinant Protein (Q01)

Catalog # H00004883-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NPR3 partial ORF (NP_000899, 42 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RQEREALPPQKIEVLVLLPQDDSYLFSLTRVRPAIEYALRSVEGNGTGRRLLPPGTRFQVAYEDSD CGNRALFSLVDRVAAARGAKPDLILGPVCEYAA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (97); Rat (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NPR3

Entrez GeneID [4883](#)

GeneBank Accession# [NM_000908](#)

Protein Accession# [NP_000899](#)

Gene Name NPR3

Gene Alias ANPRC, GUCY2B, NPRC

Gene Description natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)

Omim ID [108962](#)

Gene Ontology [Hyperlink](#)

Gene Summary The family of natriuretic peptides (see MIM 108780) elicit a number of vascular, renal, and endocrine effects that are important in the maintenance of blood pressure and extracellular fluid volume. These effects are mediated by specific binding of the peptides to cell surface receptors in the vasculature, kidney, adrenal, and brain.[supplied by OMIM]

Other Designations -

Disease

- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Recurrence](#)
- [Tobacco Use Disorder](#)
- [Ventricular Dysfunction](#)