

Product datasheet for **TP726726**

Natriuretic Peptide Receptor C (NPR3) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human NPR3 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr24-Glu481
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human Atrial Natriuretic Peptide Receptor 3 is produced by our Mammalian expression system and the target gene encoding Thr24-Glu481 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	4883
UniProt ID:	P17342
Summary:	Atrial Natriuretic Peptide Receptor-3 (NPR3), also known as NPRC or ANPR-C, is one of the three natriuretic peptide receptors, is a type I transmembrane glycoprotein. The natriuretic system is key to the maintenance of vascular tone and cardiovascular homeostasis. Receptor for the natriuretic peptide hormones, binding with similar affinities atrial natriuretic peptide NPPA/ANP, brain natriuretic peptide NPPB/BNP, and C-type natriuretic peptide NPPC/CNP. May function as a clearance receptor for NPPA, NPPB and NPPC, regulating their local concentrations and effects. Osteocrin was found to be a specific ligand to NPR3. NPR3 is necessary for Osteocrin to regulate femoral, tibial, and metatarsal bone elongation.



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