

Recombinant Mouse Npr1 Protein, Myc/DDK-tagged

Cat. No. Npr1-4476M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length natriuretic peptide receptor 1 (Npr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for the atrial natriuretic peptide NPPA/ANP and the brain natriuretic peptide NPPB/BNP which are potent vasoactive hormones playing a key role in cardiovascular homeostasis. Has guanylate cyclase activity upon binding of the ligand.
Molecular Mass	119.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Npr1 natriuretic peptide receptor 1 [Mus musculus (house mouse)]
Official Symbol	Npr1
Synonyms	NPR1; natriuretic peptide receptor 1; atrial natriuretic peptide receptor 1; ANP-A; ANPR-A; Nppa receptor; guanylyl cyclase-A; guanylate cyclase A; atrial natriuretic peptide receptor type A; GC-A; NPRA; Pndr; NPR-A; AI893888; MGC117511
Gene ID	18160
mRNA Refseq	NM_008727
Protein Refseq	NP_032753
UniProt ID	P18293

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