

Recombinant Full Length Human NPR3 Protein, C-Flag-tagged

Cat. No. NPR3-104HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NPR3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes one of three natriuretic peptide receptors. Natriuretic peptides are small peptides which regulate blood volume and pressure, pulmonary hypertension, and cardiac function as well as some metabolic and growth processes. The product of this gene encodes a natriuretic peptide receptor responsible for clearing circulating and extracellular natriuretic peptides through endocytosis of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	59.6 kDa
AA Sequence	MPSLLVLTFSPCVLLGWALLAGGTGGGGVGGGGGGAGIGGGGRQEREALPPQKIEV LVLLPQDDSYLFSLT RVRPAIEYALRSVEGNGTGRRLLPPGTRFQVAYEDSDCGNR ALFSLVDRVAAARGAKPDLILGPVCEYAA APVARLASHWDLPLMSAGALAAGFQHK DSEYSHLTRVAPAYAKMGEMMLALFRHHHWSRAALVYSDDKLE RNCYFTLEGVHE VFQEEGLHTSIYSFDETKDLDEIVRNIQASERVVIMCASSDTIRSIMLVHRHGMT SGDYAFFNIELFNSSSYGDGSWKRGDKHDFEAKQAYSSLQTVTLRLTVKPEFEKFS MEVKSSVEKQGLNM EDYVNMFVEGFHDAILLYVLALHEVLRAGYSKKDGGKIIQQT

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WNRTFEGIAGQV SIDANGDRYGDFS VIA MTDVEAGTQE VIGDYFGKEGRFEMRPN
 VKYPWG PLKL R IDENRIVEHTNSSPCKSCGLEESA VTGIVVGA
 LLGAGLLMAFYFFRKKYRITIERRTQQEESNLGKHRELREDSIRSHFSVATRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	NPR3 natriuretic peptide receptor 3 [Homo sapiens (human)]
Official Symbol	NPR3
Synonyms	NPRC; ANP-C; ANPRC; BOMOS; NPR-C; ANPR-C; GUCY2B; C5orf23
Gene ID	4883

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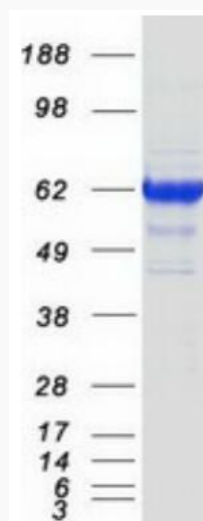
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mRNA Refseq [NM_000908.4](#)

Protein Refseq [NP_000899.1](#)

MIM [108962](#)

UniProt ID [P17342](#)



Coomassie blue staining of purified NPR3 protein.

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