

## Product datasheet for TP526811

### Npr1 (NM\_008727) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse natriuretic peptide receptor 1 (Npr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by MR226811 Blue=ORF Red=Cloning site Green=Tag(s)

MPGSRVRPRLRALLLPPLLLRSGHASDLTVAVWLPLTNTSYPWSWARVGPVELALGRVKARPDLL  
PGWTVRMVLGSSENAAGVCSDTAAPLAAVDLKWEHSPAVFLGPGCVSAAPVGRFTAHRVPLLTAGAP  
ALGIGVKDEYALTRTGP SHVKLGDFVTALHRRLGWEHQALVLYADRLGDDRPCFFIVEGLYMRVRERL  
NITVNHQEFVEGDPDHYTKLLRTVQRKGRVIYICSSPDAFRNLMILLALDAGLTGEDYVFFHLDVFGQSL  
QGAQGPVPRKPWERDDGQDRRARQAFQAAKIITYKEPDNPEYLEFLKQLKLLADKKFNFTMEDGLKNII  
PASFHDGLLLYVQAVTETLAQGGTVTDGENITQRMWNRSFQGVTYLTKIDRNGDRDTRDFSLWMDPETG  
AFRVVLNFGNFSQELMAVSEHRLYWPLGYPPDPKCGFDNEDPACNQDHFSTLEVALVGSLSLVSFL  
IVSFFIYRKMQLKELVSELWRVRWEDLQPSLERHLRSAGSRLTSGRGSNYGSLTTEGQFQVFAKT  
AYYKGNLVAVKRVNRKRIELTRKVL FELKHMRDVQNEHLTRFVGACTDPPNICILTEYCPRGSLQDILE  
NESITLDWMFRYSLTNDIVKGMLFLHNGAIGSHGNLKSNCVWDGRFVLKITDYGLESFRDPEPEQGHT  
LFAKKLWTAPELLRMASPPARGSQAGDVYSFGIILQEIALRSGVFYVEGLDLSPEKIIERVTRGEQPPF  
RPSMDLQSHLEELGQLMQRCWAEDPQERPPFQIIRLALRKFNKENSSNILDNLLSRMEQYANNLEELVE  
ERTQAYLEEKRAEALLYQILPHSVAEQLKRGETVQAEAFDSVTIYFSDIVGFTALSAESTPMQVVTLL  
NDLYTCFDAVIDNFDVYKVETIGDAYMVVSGLPVRNGQLHAREVARMALALLDAVRSFRIRHRPQEQLR  
LRIGIHTGPVCAGVVGLKMPRYCLFGDVTNTASRMESNGEALRIHLSSETKAVLEEFDGFLELRGDVE  
MKGKGVRTYWLLGERGCSTRG  
TRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using MR226811 also available, [TP526811](#)

Tag:	C-MYC/DDK
Predicted MW:	119.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_032753</a>
<b>Locus ID:</b>	18160
<b>UniProt ID:</b>	<a href="#">P18293</a> , <a href="#">Q2TAY4</a> , <a href="#">Q3UY30</a>
<b>RefSeq Size:</b>	4065
<b>Cytogenetics:</b>	3 39.23 cM
<b>RefSeq ORF:</b>	3171
<b>Synonyms:</b>	AI893888; GC-A; NPR-A; NPRA; Pndr
<b>Summary:</b>	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.[UniProtKB/Swiss-Prot Function]