

Product datasheet for **RG205489**

Neurexophilin 3 (NXPH3) (NM_007225) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Neurexophilin 3
Synonyms:	NPH3
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG205489 representing NM_007225
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAACTGACTCGCTGCTGCTTCGTGTTCTGGTGCAGGGTAGCCTCTATCTGGTCATCTGTGGCCAGG
ATGATGGTCCTCCCGGCTCAGAGGACCCCTGAGCGTGATGACCACGAGGGCCAGCCCCGGCCCGGGTGCC
TCGGAAGCGGGGCCACATCTCACCTAAGTCACGCCCCATGGCAATTCCTCTCTAGGGCTGCTGGCC
CCGCTGGGGAGGCTTGGGGCATTCTTGGGCAGCCCCCAACCGCCGAACACAGCCCCCACCTCAG
CCAAGGTGAAGAAAATCTTTGGCTGGGGCGACTTCTACTCCAACATCAAGACGGTGGCCCTGAACCTGCT
CGTCACAGGGAAGATTGTGGACCATGGCAATGGGACCTTCAGCGTCCACTTCCAACACAATGCCACAGGC
CAGGGAACATCTCCATCAGCCTCGTCCCCCAGTAAAGCTGTAGAGTTCCACCAGGAACAGCAGATCT
TCATCGAAGCCAAGGCTCCAAAATCTTCACTGCCGATGGGGTGGGAGAAGGTAGAACGGGGCCGCCG
GACCTCGCTTTCACCCACGACCCAGCCAAGATCTGCTCCCGAGACCACGCTCAGAGCTCAGCCACCTGG
AGCTGCTCCAGCCCTTCAAAGTCGTCTGTGTCTACATCGCCTTCTACAGCACGGAATATCGGCTGGTCC
AGAAGGTGTGCCAGATTACAACATACCATAGTGATACCCCTACTACCATCTGGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



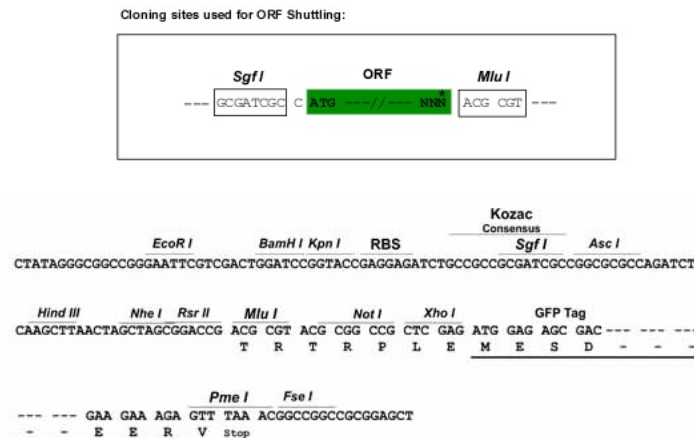
Protein Sequence: >RG205489 representing NM_007225
Red=Cloning site Green=Tags(s)

MLTRCCFVFLVQGSLLVICGQDDGPPGSEDPERDDHEGQPRPRVPRKRGHISPKSRPMANSTLLGLLA
PPGEAWGILGPPNRPNHSPPPSAKVKKIFGWGDFYSNIKTVALNLLVTGKIVDHNGTFSVHFQHNATG
QGNISISLVPPSKAVEFHQEQQIFIEAKASKIFNCRMGWEKVERGRRTSLCTHHPAKICSRDHAQSSATW
SCSQPFKVVVYIAFYSTDYRLVQKVCPCDYNHSDTPYYPG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_007225

ORF Size: 756 bp

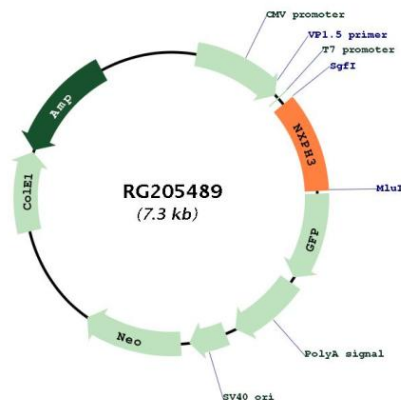
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_007225.1 , NP_009156.1
RefSeq Size:	1934 bp
RefSeq ORF:	759 bp
Locus ID:	11248
UniProt ID:	O95157
Cytogenetics:	17q21.33
Protein Families:	Secreted Protein
Gene Summary:	May be signaling molecules that resemble neuropeptides. Ligand for alpha-neurexins (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205489