

Product datasheet for **RC214326**

FAM55D (NXPE4) (NM_017678) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM55D (NXPE4) (NM_017678) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NXPE4
Synonyms:	C11orf33; FAM55D
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC214326 representing NM_017678 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAATTCAATACAATTAGTGTCTCCAAATGCAACAAAGAAACAGTTGCAATGAAAGAGAAATGCA
AGTTTGGAAATGACATCCACAATCCCCAGTGGGCATGTCTGGAGAAACACATGGAATCCTGTCTCCTGTAG
TTTGGCTACAGTCAAAATGAAGGAATGCCTGAGAGGAAAACATATACCTAATGGGAGATTCCACGATC
CGCCAGTGGATGGAATACTTCAAAGCCAGTATCAACACACTGAAGTCAGTGGATCTGCATGAATCTGGAA
AATTGCAACACCGAGCTTGCTGTGGATTTGGATAGGAACATCAACATCCAGTGGCAAAAATATTGTTATCC
CTTGATAGGATCAATGACCTATTCAGTCAAAGAGATGGAGTACCTCACCCGGGCCATTGACAGAAGTGG
GGAGAAAAAATACTGTCTATTGTTATTTCCCTGGGCCAGCATTTTCAGACCCTTTCCATTGATGTTTTTA
TCCGAAGGGCCCTCAATGTCCACAAAGCCATTCAGCATCTTCTTCTGAGAAGCCAGACACTATGTTTAT
CATCAAAACAGAAAACATCAGGGAGATGTACAATGATGCAGAAAGATTTAGTGACTTTTCATGGTTACATT
CAATATCTCATATAAAGGACATTTTCCAGGATCTCAGTGTGAGTATCATTGATGCCTGGGATATAACAA
TTGCATATGGCACAAATAATGTACACCCACCTCAACATGTAGTCGGAAATCAGATTAATATATTATTA
CTATATTTGT

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC214326 representing NM_017678
Red=Cloning site Green=Tags(s)

MEKFNTISVSKCNKETVAMKEKCKFGMTSTIPSGHVWRNTWNPVSCSLATVKMKECLRGKLIYLMGDSTI
 RQWMEYFKASINTLKSVDLHESGKLQHLAVDLDRNINIQQWQKYCYPLIGSMTYSVKEMEYLTRAIDRTG
 GEKNTVIVISLQGHFRFPIDVFIRRALNVHKAIQHLLLRSPDTMVIKENTIREMYNDAERFSDFHGYI
 QYLI IKDIFQDLSVSIIDAWDITIA YGTNNVHPPQHVVGNQINILLNYIC

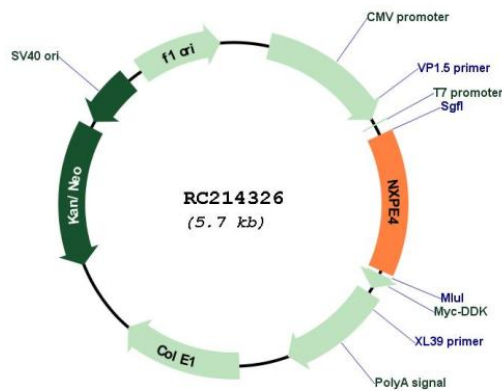
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_017678
ORF Size: 780 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:	<ol style="list-style-type: none"> 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.
RefSeq:	NM_017678.3
RefSeq Size:	1715 bp
RefSeq ORF:	783 bp
Locus ID:	54827
UniProt ID:	Q6UWF7
Cytogenetics:	11q23.2
Protein Families:	Secreted Protein, Transmembrane
MW:	29.9 kDa