

Product datasheet for **SC207996**

NTAQ1 (NM_018024) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NTAQ1 (NM_018024) Human 3' UTR Clone
Symbol:	NTAQ1
Synonyms:	C8orf32; WDYHV1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018024
Insert Size:	855 bp
Insert Sequence:	>SC207996 3'UTR clone of NM_018024 The sequence shown below is from the reference sequence of NM_018024. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACACATCGGTTTGGCAGTAAAACTGCTGAACTTGGTCTCAAGATGTGGAAGTGTGGAGAAATTCTAGG
ACATGAACAAGCTATCCTTTTCATCGAGGACAGCAAACATTATGGTACAGTTGGCTTGGAAATTATGTCTT
TCTCTTTAATTTGATTGAGTGGAAATCTGAGTGAATACAAATATAAATGAACAACATAAAAACTTTTG
TTTTGACATGTCAAATTGAACTTGATAAAGTGCCTACTTGCTAAGATATTCCTGTGGCTCATGCGTTA
CAACACGAGGACTTAAGCCAGTAATCGTTTTTGTTCAGATAGAGGTGTGGAGGTAGAGCCAGCCCTCA
TGCTGTGTTTTGGATGTTTTGTGTCTCTCCAGCTACATTGTAAGTTCCTTGAGGGCAGGGCCATGGCCCA
TTGCTCTGTGAATCTCAAATGCCATAAAAGGTGCCATAAAATGTTTTCTTGAACATTTGAATGTGCT
GTTGTCTGGAAAGGGTAATATTGTGAGCTGAATCAGCAATAAGTATTAGTCTTTTTGGACTATGGTAT
TGTTAAAAAGACTGCAGCCCTCTCAGACTTGAGCGTAAATTGGCTATTTATTTATGGCTTTAAATAAA
ATCGATTTAACGTTAGTTTTGTTTTGAAGATTTTTGTGTACCCTTGATGATCTGAAATACCTAAATAT
GCCTCAATTGTAGATGAGAACCAGGGCTTTAAAAAATATTTATTACATGTGCCTTCTGGAAGACATCTT
GGTTATTTGGCTTTAATCATATCATTCCAATGAAAGATATTTGGCATTACATTGGCATATAGTACCAG
CTCTCATGTTTTTCATGATTCTACTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_018024.3
Summary:	Mediates the side-chain deamidation of N-terminal glutamine residues to glutamate, an important step in N-end rule pathway of protein degradation. Conversion of the resulting N-terminal glutamine to glutamate renders the protein susceptible to arginylation, polyubiquitination and degradation as specified by the N-end rule. Does not act on substrates with internal or C-terminal glutamine and does not act on non-glutamine residues in any position. Does not deaminate acetylated N-terminal glutamine. With the exception of proline, all tested second-position residues on substrate peptides do not greatly influence the activity. In contrast, a proline at position 2, virtually abolishes deamidation of N-terminal glutamine. [UniProtKB/Swiss-Prot Function]
Locus ID:	55093
MW:	32.7