

Product datasheet for **MR208342**

Uap1 (NM_133806) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uap1 (NM_133806) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Uap1
Synonyms:	AA420407; AA437972; AgX; AGX-1; AGX-2; AGX1; ESTM38; SPAG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208342 representing NM_133806
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAATGTCAATGACCTCAAACAAGGCTGTCCCAAGCTGGCAAGAGCACCTGCTGCAGTTCTGGAATG
 AGCTGTCCGAAGCCAGCAGGTAGAACTTTATATGGAGCTCCAGGCCATGAACCTTTGAAGAGCTGAACTC
 CTTTTCCGAAGGCCATTGGTGAATTTGATCGATCCTCTCACCAAGAAAAGGTGGACGCACGAATGGAG
 CCTGTGCCCGGCAGGTTTTGGGCACTGCTACCAGAGATCAAGAGCAGCTGCAGGCCTGGGAAAGTGAAG
 GACTTTCTCAGATTTCTCAGAACAAGTAGCAGTTCTTCTTAGCTGGTGGCAGGGGACAAGACTTGG
 AGTCTCATATCCCAAGGCATGTATGATGTTGGCTTGCCATCCCACAAGACGCTTTTTCAGATCAAGCA
 GAACGTATTCTGAACTCCAGCAGTTAGCTGAAAAACCCATGGCAACAAGTGCACCATCCCATGGTATA
 TAATGACCAGCGCAGAACAATGGAATCAACGAAGGAGTCTTCCAAAAGCACAAGTTCTTTGGTTAAA
 AAAGGAGAATGTGGTGTTCAGCAGGGAATGCTGCCTGCTATGAGTTTTGATGGGAAAATTATCTTG
 GAAGAGAAAAACAAAGTGTCTATGGCTCCAGATGGGAATGGTGGTCTCTACCGGGCTCTGCAGCCAAA
 ACATTGTGGAGGACATGGAGCAAAGAGGCATCTGCAGTATTCATGTCTATTGTGTGGACAACATATTGGT
 AAAAGTGGCTGACCCGCGGTTTCATTGGATTCTGCATTCAGAAAGGAGCAGACTGTGGGGCAAAGTGGTA
 GAGAAAACGAATCCACAGAGCCAGTTGGAGTGGTTTCCCGGGTGGATGGAGTATACCAGGTGGTAGAAT
 ACAGCGAGATCTCTGGCAACAGCTCAAAGGCCAAGTTCAGATGGACGGCTGCTGTTCAATGCAGGGAA
 CATTGCCAATCACTTCTCACTGTCCTGTTCTGAAAGATGTTGTCAATGTTATGAACCTCAGTTGCAG
 CACCATGTGGCTCAAAAAGAAGATTCATATGTGGACTCCAGGGGCACTTCATTAAGCCAGACAAGCCAA
 ATGGAATAAAGATGGAAAAATTTGTCTTTGACATCTTCCAGTTTGCAAAGAAGTTTGGTGTATGAAGT
 ATTACGGGAAGATGAGTTTTCCCGCTCAAGAATGCAGACAGTCAAGAACGGGAAGGACAACCCGACCACA
 GCAAGGCATGCTTTGATGTCCTTACCCTGCTGGTCCCTCAATGCCGGGGGACACTTCATAGATGAGA
 ATGGCTCTCGCTCCAGCCATCCCCGTGCTACAAATGGAAAGTCAAGAGCCATCACAGCTGATGTCAA
 TCACAACCTGAAAGATGCCAATGATGTACCATCCAGTGTGAAATCTCTCCCTCATCTTATGCTGGA
 GAGGGCCTTGAAGTTATGTGGCAGATAAAGAGTTCATGCACCGCTAATCATCGATGAGAATGGAGTTC
 ATGAGCTGGTAAAAATGGCATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208342 representing NM_133806
 Red=Cloning site Green=Tags(s)

MNVNDLKQRLSQAGQEHLQFWNELSEAQQVELYMELQAMNFEELNSFFRKAIGFEFDRSSHQEKVDARME
 PVPQRVLGSATRDQQLQAWESGLSQISQNKVAVLLLAGGQGTRLGVSYPKGMYDVGLPSHKTLFQIQAE
 ERILKLQQLAEKHHGNKCTIPWYIMTSGRMTSEKFFTKHKFFGLKKNVVFVQQGMLPAMSFQDKIIL
 EEKNKVSMPDGNGLYRALAAQNIVEDMEQRGICSIHVYVDNILVKVADPRFIGFCIQKGADCGAKVV
 EKTNPTEPVGVVCRVDGVYQVVEYSEISLATAQRRSSDGRLLFNAGNIANHFFVFPFLKDVVNVYEPQLQ
 HHVAQKKIPYVDSQGHFIKPDKNPNIKMEKVFDFIQFAKFFVYEVLEDEFSPLNADSQNGKDNPTT
 ARHALMSLHHCWVLNAGGHFIDENGSRPAIPRATNGKSEAITADVNHNLKDANDVPIQCEISPLISYAG
 EGLEGYVADKEFHAPLIIDENGVELVKNGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

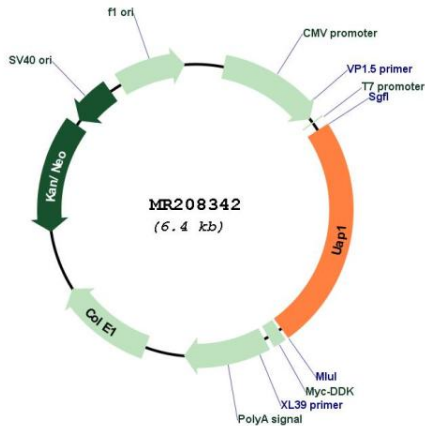
Sgfl-MluI

Cytogenetics: 1 H3

MW: 58.9 kDa

Gene Summary: Converts UTP and GlcNAc-1-P into UDP-GlcNAc, and UTP and GalNAc-1-P into UDP-GalNAc. Isoform AGX1 has 2 to 3 times higher activity towards GalNAc-1-P, while isoform AGX2 has 8 times more activity towards GlcNAc-1-P (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208342