

Product datasheet for **TP508342**

Uap1 (NM_133806) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse UDP-N-acetylglucosamine pyrophosphorylase 1 (Uap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR208342 representing NM_133806
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MNVNDLKQRLSQAGQEHLQFWNELSEAQQVELYMELQAMNFEELNSFFRKAIGEFDRSSHQEKVDARME
PVPRQVLGSATRDQEQLQAWESEGLSQISQNKVAVLLLAGGGGTRLGVSYPKGMVDVGLPSHKTFLFIQA
ERILKLQQLAEKHHGNKCTIPWYIMTSGRTMESTKEFFTKHKFFGLKKENVVFFQQGMLPAMSFQDKIIL
EEKNKVSMAPDGNGLYRALAAQNIVEDMEQRGICSIHVYCVDNILVKVADPRFIGFCIQKGADCGAKVV
EKTNPTEPVGWCRVDGVYQWEYSEISLATAQRRSSDGRLLFNAGNIANHFVTPFLKDVNVVYEPQLQ
HHVAQKKIPYVDSQGHFIKPKNGIKMEKFVDFIQFAKKFVYEVLRDEFSPLNADSQNGKDNPTT
ARHALMSLHHCWVLNAGGHFIDENGSRPAIPRATNGKSEAITADVNHNLKDANDVPIQCEISPLISYAG
EGLEGYVADKEFHAPLIIDENGVELVKNGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	58.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_598567</u>



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Locus ID:	107652
UniProt ID:	Q91YN5 , A0A0R4J085
RefSeq Size:	2283
Cytogenetics:	1 H3
RefSeq ORF:	1563
Synonyms:	AA420407; AA437972; AgX; AGX-1; AGX-2; AGX1; ESTM38; SPAG2
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]