

UDP-N-acetylhexosamine pyrophosphorylase (UAP1) Recombinant Protein | UAP1 recombinant protein

Recombinant Human UDP-N-acetylhexosamine pyrophosphorylase (UAP1)

CATALOG # AAA18734	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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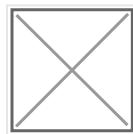
PRODUCT SYNONYMS

UDP-N-acetylhexosamine pyrophosphorylase (UAP1); Recombinant Human UDP-N-acetylhexosamine pyrophosphorylase (UAP1); UDP-N-acetylhexosamine pyrophosphorylase; Antigen X; AGX; Sperm-associated antigen 2; Including the following 2 domains:; UDP-N-acetylgalactosamine pyrophosphorylase; EC=2.7.7.-; AGX-1; UDP-N-acetylglucosamine pyrophosphorylase; EC=2.7.7.23; AGX-2; UAP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-522aa; Full Length
Sequence	MNINDLKLTL SKAGQEHLR FWNELEEAQQ VELYAEQAM NFEELNFFFQ KAIEGFNQSS HQKNVDARME PVPREVLGSA TRDQDLQAW ESEGLFQISQ NKVAVLLAG GQGTRLGVAY PKGMYDVGLP SRKTLFQIQ ERILKLQQA EKYYGKNCII PWYIMTSGRT MESTKEFFTK HKYFGLKKEN VIFFQQGMLP AMSFDGKIIL EEKNKVSMAP DGNNGGLYRAL AAQNIVEDME QRGWSIHVY CVDNVLKVA DPRFIGFCIQ KGADCGAKVV EKTNPTEPVG VVCRVDGVYQ VVEYSEISLA TAQKRSSDGR LLFNAGNIAN HFFTVPFLRD VNVYEPQLQ HHVAQKKIPY VDTQGQLIKP DKPNGIKMEK FVDFIFQFAK KVVVYEVLR DEFSPKKNAD SQNGKDNPTT ARHALMSLHH CWVLNAGGHF IDENGSRIPA IPRSATNGKS ETITADVNHN LKDANDVPIQ CEISPLISYA GEGLESYVAD KEFHAPLIID ENGVHELKVN GI
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for UAP1 recombinant protein	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.
Product Categories/Family for UAP1 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	156627575
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NCBI GeneID	6675
NCBI Accession #	NP_003106.3
NCBI GenBank Nucleotide #	NM_003115.4
UniProt Accession #	Q16222; Q5VTA9; Q5VTB0; Q5VTB1; Q96GM2; B2R6R8
Molecular Weight	60.8 kDa
NCBI Official Full Name	UDP-N-acetylhexosamine pyrophosphorylase
NCBI Official Synonym Full Names	UDP-N-acetylglucosamine pyrophosphorylase 1
NCBI Official Symbol	UAP1
NCBI Official Synonym Symbols	AGX; AGX1; AGX2; SPAG2
NCBI Protein Information	UDP-N-acetylhexosamine pyrophosphorylase; antigen X; sperm associated antigen 2; sperm-associated antigen 2
UniProt Protein Name	UDP-N-acetylhexosamine pyrophosphorylase
UniProt Gene Name	UAP1
UniProt Synonym Gene Names	SPAG2; AGX
UniProt Entry Name	UAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/uap1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18734>