

Recombinant Human UAP1, His-tagged

Cat. No. UAP1-3514H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UAP1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-352aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	UAP1 UDP-N-acteylglucosamine pyrophosphorylase 1 [Homo sapiens]
Official Symbol	UAP1
Synonyms	UAP1; UDP-N-acteylglucosamine pyrophosphorylase 1; SPAG2; UDP-N-acetylhexosamine pyrophosphorylase; AgX; AGX1; antigen X; sperm associated antigen 2; sperm-associated antigen 2; AGX; AGX2;

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Gene ID	6675
mRNA Refseq	NM_003115
Protein Refseq	NP_003106
MIM	602862
UniProt ID	Q16222
Chromosome Location	1q23.2
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Biosynthesis of the N-glycan precursor (dolichol li
Function	UDP-N-acetylglucosamine diphosphorylase activity; nucleotidyltransferase activity; transferase activity;

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