

Recombinant Human UAP1 Protein (M1-I522), Tag Free

Cat. No. UAP1-0330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-UAP1(M1-I522 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-I522
Description	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.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

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Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [UAP1 UDP-N-acetylglucosamine pyrophosphorylase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [UAP1](#)

Synonyms UAP1; UDP-N-acetylglucosamine pyrophosphorylase 1; SPAG2; UDP-N-acetylhexosamine pyrophosphorylase; AgX; AGX1; antigen X; sperm associated antigen 2; sperm-associated antigen 2; AGX; AGX2;

Gene ID [6675](#)

mRNA Refseq [NM_003115](#)

Protein Refseq [NP_003106](#)

MIM [602862](#)

UniProt ID [Q16222](#)

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