

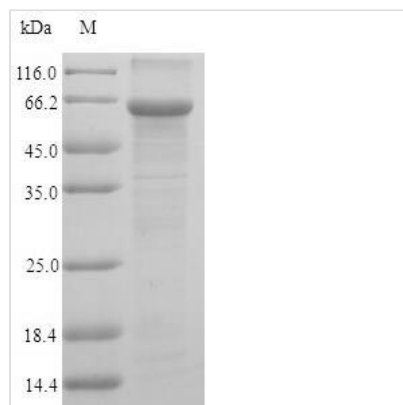


Recombinant Human UDP-N-acetylhexosamine pyrophosphorylase (UAP1)

Product Code	CSB-EP618067HU
Relevance	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.
Abbreviation	Recombinant Human UAP1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16222
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MNINDLKLTLISKAGQEHLRLFWNELEEAQQVELYAELQAMNFEELNFFFQKAI EGFNQSSHQKNVDARMEPVPREVLGSATRDQDQLQAWESEGLFQISQNKVA VLLLAGGQGTRLGVAYPKGMYDVGLPSRKTLFQIQAERILKLQQVAEKYYGNK CIIPWYIMTSGRTMESTKEFFTKHKYFGLKKENVIFFQQGMLPAMSF DGKIILEE KNKVSMAPDGNNGGLYRALAAQNIVEDMEQRGIWSIHVYCVDNILVKVADPRFI GFCIQKGADCGAKVVEKTNPTPEVGVVCRVDGVYQVVEYSEISLATAQKRSS DGRLLFNAGNIANHFFTVPFLRDVVNVYEPQLQHHVAQKKIPYVDTQGQLIKPD KPNGIKMEKFVFDIFQFAKKFVVEVLREDEF SPLKNADSQNGKDNPTTARHA LMSLHHCWVLNAGGHFIDENGSR LPAIPRSATNGKSETITADVNHNLKDANDV PIQCEISPLISYAGEGLESYVADKEFHAPLIIDENG VHELKNGI
Research Area	Signal Transduction
Source	E.coli
Target Names	UAP1
Protein Names	Recommended name: UDP-N-acetylhexosamine pyrophosphorylase Alternative name(s): Antigen X Short name= AGX Sperm-associated antigen 2 Including the following 2 domains: UDP-N-acetylgalactosamine pyrophosphorylase EC= 2.7.7
Expression Region	1-522aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	62.8kDa
Protein Length	Full Length



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Our Recombinant Human UAP1 protein is carefully designed for researchers working in the field of signal transduction. This full-length UDP-N-acetylhexosamine pyrophosphorylase (Antigen X; Sperm-associated antigen 2) is expressed in an E.coli system, spanning the 1-522aa expression region to provide the complete protein sequence. The UAP1 protein is N-terminal 6xHis-tagged, which simplifies purification and detection, ensuring consistent performance and reliable results in your experiments.

With a purity greater than 90% as determined by SDS-PAGE, our Recombinant Human UAP1 protein is available in both liquid and lyophilized powder forms. Trust in this high-quality protein to support your signal transduction research and provide dependable, reproducible outcomes.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.