

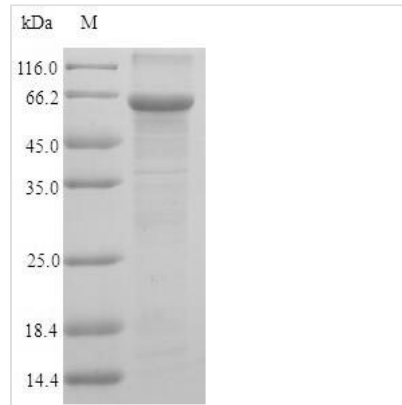


Recombinant Human UDP-N-acetylhexosamine pyrophosphorylase (UAP1)

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|--------------------------|---|
| 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 | ≥ 95% as determined by SDS-PAGE. |
| Sequence | MNINDLKLTLKAGQEHLRFWNELEEAQQVELYAELQAMNFEELNFFFQKAI EGFNQSSHQKNVDARMEPVPREVLGSATRDQDQLQAWESEGLFQISQNKVA VLLLAGGQGTRLGVAYPKGMYDVGLPSRKTLFQIQAERILKLQQVAEKYYGNK CIIPWYIMTSGRTMESTKEFFTKHKYFGLKKENVIFFQQGMLPAMSFDGKIILEE KNKVSMAPDGNGLYRALAAQNIVEDMEQRGIWSIHVYCVDNILVKVADPRFI GFCIQKGADCGAKVVEKTNPTEPVGVVCRVDGVYQVVEYSEISLATAQKRSS DGRLLFNAGNIANHFFTVPFLRDVVNVYEPQLQHHVAQKKIPYVDTQGQLIKPD KPNGIKMEKFVFDIFQFAKKFVVEVLREDEFSPKLNADSQNGKDNPTTARHA LMSLHHCWVLNAGGHFIDENGSRLPAIPRSATNGKSETITADVNHNLKDANDV PIQCEISPLISYAGEGLESYVADKEFHAPLIIDENGVHELKNGI |
| 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 | 64.8 kDa |
| Protein Length | Full Length |



Image



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

Shelf Life

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

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