

UBAP1 Protein, Human, Recombinant (His)

General Information

Synonyms:	Nasopharyngeal Carcinoma-Associated Gene 20 Protein;UBAP1;Ubiquitin-Associated Protein 1;UBAP-1
Protein Construction:	Met1-Ser502
Species:	Human
Expression Host:	E. coli
Accession:	Q9NZ09
Molecular Weight:	60 KDa (reducing condition)
AA Sequence:	Met1-Ser502

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM PB, 150 mM NaCl, 1 mM DTT, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Ubiquitin-Associated Protein 1 (UBAP1) belongs to the UBA domain family. Members of this family are related to ubiquitin and the ubiquitination pathway. Because of their cytogenetic location, this UBA domain family member is being studied as a putative target for mutation in nasopharyngeal carcinomas. UBAP1 is highly expressed in the heart, brain, placenta, lung, skeletal muscle, liver, and pancreas. UBAP1 consists of two UBA domains and one

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UMA domain. The ubiquitin associated domain is thought to be a non-covalent ubiquitin binding domain, including a compact three helix bundle.

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