

Recombinant Human UBAP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBAP1-3574H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBAP1 MS Standard C13 and N15-labeled recombinant protein (NP_057609) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the UBA domain family, whose members include proteins having connections to ubiquitin and the ubiquitination pathway. The ubiquitin associated domain is thought to be a non-covalent ubiquitin binding domain consisting of a compact three helix bundle. This particular protein originates from a gene locus in a refined region on chromosome 9 undergoing loss of heterozygosity in nasopharyngeal carcinoma (NPC). Taking into account its cytogenetic location, this UBA domain family member is being studied as a putative target for mutation in nasopharyngeal carcinomas. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	55.1 kDa
AA Sequence	MASKKLGADFHGTFSYLDDVPFKTGDKFKTPAKVGLPIGFSLPDCLQVVREVQYDFS LEKKTIEWAEEIKKIEEAEREAECKIAEAEAKVNSKSGPEGDSKMSFSKTHSTATMPP PINPILASLQHNSILTPTRVSSSATKQKVLSPPHIKADFNLADFECEEDPFDNLELKTID EKEELRNILVGTTGPIMAQLLDNNLPRGGSGSVLQDEEVLASLERATLDFKPLHKPN

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GFITLPQLGNCEKMSLSSKVSLPPIPAVSNIKSLSFPKLDSDDSNQKTAKLASTFHST
 SCLRNGTFQNSLKPSTQSSASELNGHHTLGLSALNLDGTEMPALTSSQMPSLSVL
 SVCTEESSPPNTGPTVTPPNFSVSQVPNMPSCPQAYSELQMLSPSERQCVETVVN
 MGYSYECVLRAMKKKGENIEQILDYLFAGHQLCEKGFDPDLLVEEALEMHCSEK
 MEFLQLMSKFKEMGFELKDIKEVLLLHNNDQDNALEDLMARAGASTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name UBAP1 ubiquitin associated protein 1 [Homo sapiens (human)]

Official Symbol UBAP1

Synonyms UBAP1; ubiquitin associated protein 1; UBAP, ubiquitin associated protein; ubiquitin-associated protein 1; nasopharyngeal carcinoma-associated gene 20 protein; UAP; UBAP; NAG20; UBAP-1; MGC8710; MGC119669;

Gene ID 51271

mRNA Refseq NM_016525

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Protein Refseq NP_057609

MIM 609787

UniProt ID Q9NZ09

SDS-PAGE



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