

Recombinant Human DRAP1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. DRAP1-254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DRAP1 MS Standard C13 and N15-labeled recombinant protein (NP_006433) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Transcriptional repression is a general mechanism for regulating transcriptional initiation in organisms ranging from yeast to humans. Accurate initiation of transcription from eukaryotic protein-encoding genes requires the assembly of a large multiprotein complex consisting of RNA polymerase II and general transcription factors such as TFIIA, TFIIB, and TFIID. DR1 is a repressor that interacts with the TATA-binding protein (TBP) of TFIID and prevents the formation of an active transcription complex by precluding the entry of TFIIA and/or TFIIB into the preinitiation complex. The protein encoded by this gene is a corepressor of transcription that interacts with DR1 to enhance DR1-mediated repression. The interaction between this corepressor and DR1 is required for corepressor function and appears to stabilize the TBP-DR1-DNA complex. [provided by RefSeq, Jul 2008]
Molecular Mass	22.3 kDa
AA Sequence	MPSKKKKYNARFPPARIKKIMQTDEEIGKVAAAVPVIISRALELFLESLLKKACQVTQS RNAKTMTTSHLKQCIELEQQFDLKDVLASVPDMQGDGEDNHMDGDKGARRGRKP

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GSGGRKNGGMGTSKDKKLSGTDSEQEDESEDTDTDGEEETSQPPPQASHPSAH
FQSPPTPFLPFASTLPLPPAPPGPSAPDEEDEEDYDSTRTRPLEQKLISEEDLAANDI
LDYKDDDDKV

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 DRAP1 DR1-associated protein 1 (negative cofactor 2 alpha) [Homo sapiens (human)]

Official Symbol DRAP1

Synonyms DRAP1; DR1-associated protein 1 (negative cofactor 2 alpha); dr1-associated corepressor; DR1 associated corepressor; NC2 alpha; negative cofactor 2 alpha; negative co-factor 2-alpha; NC2-alpha;

Gene ID 10589

mRNA Refseq NM_006442

Protein Refseq NP_006433

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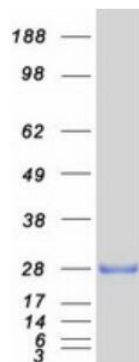
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MIM 602289

UniProt ID Q14919

SDS-PAGE



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