

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

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

## SPECIFICATION

<b>Product Overview</b>	DRAP1 MS Standard C13 and N15-labeled recombinant protein (NP_006433) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	22.3 kDa
<b>AA Sequence</b>	MPSK K K K Y N A R F P P A R I K K I M Q T D E E I G K V A A A V P V I I S R A L E L F L E S L L K K A C Q V T Q S R N A K T M T T S H L K Q C I E L E Q Q F D F L K D L V A S V P D M Q G D G E D N H M D G D K G A R R G R K P

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GSGGRKNGGMGTKSKDKKLSGTDSEQEDESEDTDTDGEEETSQPPPQASHPSAH  
 FQSPPTPFLPFASSTLPLPPAPPGPSAPDEEDEEDYDSTRTRPLEQKLISEEDLAANDI  
 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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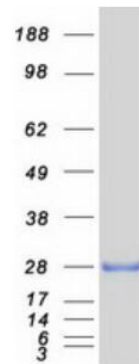
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**MIM** 602289

**UniProt ID** Q14919

**SDS-PAGE**



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