

## Recombinant Human DRAP1, His-tagged

Cat. No. DRAP1-2670H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DRAP1 with a His tag is expressed in <i>E. coli</i> . MW: 28±5 KDa.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>Description</b>	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.
<b>Formulation</b>	20% Glycerol solution at 0.20 mg/ml.
<b>Activity</b>	Interacts with TBP and prevents the TBP-IIB-IIA complex required for transcription.
<b>Storage</b>	Store at -80°C. At least 1 year at -80°C.

### GENE INFORMATION

<b>Gene Name</b>	DRAP1 DR1-associated protein 1 (negative cofactor 2 alpha) [ Homo sapiens ]
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<b>Synonyms</b>	DRAP1; DR1-associated protein 1 (negative cofactor 2 alpha); dr1-associated corepressor; negative co-factor 2-alpha; negative cofactor 2 alpha; NC2-alpha
<b>Gene ID</b>	10589
<b>mRNA Refseq</b>	NM_006442
<b>Protein Refseq</b>	NP_006433
<b>MIM</b>	602289
<b>UniProt ID</b>	Q14919
<b>Chromosome Location</b>	11q13.3
<b>Pathway</b>	Cell Cycle, Mitotic; Nucleotide excision repair; DNA Repair; Gene Expression; HIV Infection; Transcription; mRNA Processing
<b>Function</b>	DNA binding; sequence-specific DNA binding; transcription corepressor activity; transcription factor activity

PDB rendering based on 1jfi.



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