

Recombinant Human DRAP1, His-tagged

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

SPECIFICATION

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

GENE INFORMATION

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