

# Recombinant Full Length Human DRAP1 Protein, GST-tagged

Cat. No. DRAP1-4181HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human DRAP1 full-length ORF ( NP_006433.2, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	205 amino acids
<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>	48.7 kDa
<b>AA Sequence</b>	MPSKKKKYNARFPPARIKKIMQTDEEIGKVAAAVPVIISRALFLFLESLLKKACQVTQS RNAKTMTTSHLKQCIELEQQDFLKDVLVASVPDMQGDGEDNHMDGDKGARRGRKP

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GSGGRKNGGMGTKSKDKKLSGTDSEQEDESEDTDTDGEEETSQPPPQASHPSAH  
 FQSPPTPFLPFFASTLPLPPAPPGPSAPDEEDEEDYDS

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	DRAP1 DR1-associated protein 1 (negative cofactor 2 alpha) [ Homo sapiens ]
<b>Official Symbol</b>	DRAP1
<b>Synonyms</b>	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;
<b>Gene ID</b>	10589
<b>mRNA Refseq</b>	NM_006442
<b>Protein Refseq</b>	NP_006433
<b>MIM</b>	602289

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UniProt ID

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