

## Recombinant Human DRAP1 Protein, GST-tagged

Cat. No. DRAP1-2873H 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>	Wheat Germ
<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>	<p>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  G S G G R K N G G M G T K S K D K K L S G T D S E Q E D E S E D T D T D G E E E T S Q P P P Q A S H P S A H</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FQSPPTPFLPFASTLPLPPAPPGPSAPDEEDEEDYDS

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

**Gene Name**

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

**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

**MIM**

602289

 Tel: 1-631-559-9269 1-516-512-3133

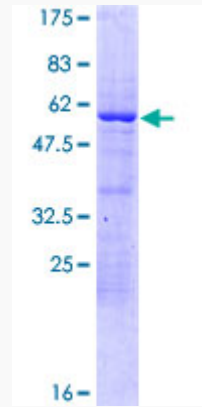
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UniProt ID

Q14919

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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