

Recombinant Full Length Human DR1 Protein, GST-tagged

Cat. No. DR1-4179HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DR1 full-length ORF (AAH02809, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	176 amino acids
Description	This gene encodes a TBP- (TATA box-binding protein) associated phosphoprotein that represses both basal and activated levels of transcription. The encoded protein is phosphorylated in vivo and this phosphorylation affects its interaction with TBP. This protein contains a histone fold motif at the amino terminus, a TBP-binding domain, and a glutamine- and alanine-rich region. The binding of DR1 repressor complexes to TBP-promoter complexes may establish a mechanism in which an altered DNA conformation, together with the formation of higher order complexes, inhibits the assembly of the preinitiation complex and controls the rate of RNA polymerase II transcription. [provided by RefSeq, Jul 2008]
Molecular Mass	45.10 kDa
AA Sequence	MASSSGNDDDLTIPRAAINKMIKETLPNVRVANDARELVVNCCTEFIHLISSEANEICN KSEKKTISPEHVIQALESLGFGSYISEVKEVLQECKTVALKRRKASSRLENLGIPEEEL LRQQQELFAKARQQQAELAQQEWLQMQQAAQQAQLAAASASASNQAGSSQDEED DDDI

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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	DR1 down-regulator of transcription 1, TBP-binding (negative cofactor 2) [Homo sapiens]
Official Symbol	DR1
Synonyms	DR1; down-regulator of transcription 1, TBP-binding (negative cofactor 2); protein Dr1; NC2; NC2 BETA; negative cofactor 2-beta; TATA-binding protein-associated phosphoprotein; NC2-BETA;
Gene ID	1810
mRNA Refseq	NM_001938
Protein Refseq	NP_001929
MIM	601482
UniProt ID	Q01658

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