

Product datasheet for **AR09607PU-L**

DR1 / NC2-beta (1-176, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	DR1 / NC2-beta (1-176, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MASSSGNDDD LTIPRAAINK MIKETLPNVR VANDARELV NCCTEFIHLI SSEANEICNK SEKKTISPEH VIQALES LGF GSYISEVKEV LQECKTVALK RRKASSRLEN LGIPEEELLR QQQLFAKAR QQQAELAQQE WLQMQQAAQQ AQLAAASASA SNQAGSSQDE EDDDDI
Tag:	His-tag
Predicted MW:	21.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl Buffer (pH 8.0) containing 100 mM NaCl, 0.1 mM PMSF, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DR1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001929</u>
Locus ID:	1810
UniProt ID:	<u>Q01658, Q658N3</u>
Cytogenetics:	1p22.1
Synonyms:	NC2; NC2-BETA; NC2B; NCB2



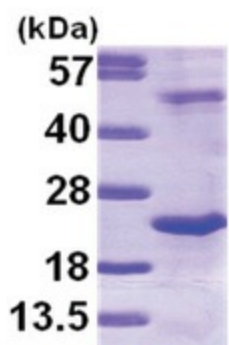
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Summary:

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]

Protein Families:

Transcription Factors

Product images:

15% SDS-PAGE (3ug)