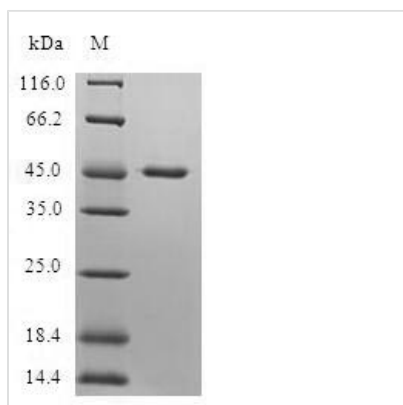




Recombinant Human Protein Dr1 (DR1)

Product Code	CSB-EP007175HU
Relevance	The association of the DR1/DRAP1 heterodimer with TBP results in a functional repression of both activated and basal transcription of class II genes. This interaction precludes the formation of a transcription-competent complex by inhibiting the association of TFIIA and/or TFIIB with TBP. Can bind to DNA on its own. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.
Abbreviation	Recombinant Human DR1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q01658
Alias	Down-regulator of transcription 1 Negative cofactor 2-beta
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ASSSGNDDDLTIPRAAINKMIKETLPNVRVANDARELVVNCCTEFIHLSSEANEI CNKSEKKTISPEHVIALES LGFGSYISEVKEVLQECKTVALKRRKASSRLENL GIPEEELLRQQQELFAKARQQQAELAQQEWLQMQQAAQQAQLAAASASASN QAGSSQDEEDDDDI
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	DR1
Protein Names	Recommended name: Protein Dr1 Alternative name(s): Down-regulator of transcription 1 Negative cofactor 2-beta Short name= NC2-beta TATA-binding protein-associated phosphoprotein
Expression Region	1-176aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	46.3kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.