9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MED4 Human

Mediator Complex Subunit 4 Human Recombinant
RCP1347

Product Overview

Name	MED4 Human
Description	
Mediator Complex Subunit 4 Human Recombinant	
Accession (Primary)	Q9NPJ6
Synonyms	
Mediator of RNA polymerase II transcription subunit 4, Mediator complex subunit 4, Vitamin D3 receptor-interacting protein complex 36 kDa component, Activator-recruited cofactor 36 kDa component, TRAP/SMCC/PC2 subunit p36 subunit, DRIP36, ARC36, MED4, VDRIP, TRAP36, HSPC126, FLJ10956, RP11-90M2.2.	
Introduction	
Mediator complex subunit 4 (MED4) is a component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. MED4 is a component of the vitamin D receptor-interacting protein (DRIP) complex which functions as a nuclear receptor coactivator. The DRIP complex is able to activate nuclear receptors in a ligand-dependent manner. MED4 functions as a link to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription apparatus. MED4 is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The MED4 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 1mM DTT and 100mM NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	

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Amino acid sequence

MAASSSGEKE KERLGGGLGV AGGNSTRERL LSALEDLEVL SRELIEMLAI SRNQKLLQAG EENQVLELLI

HRDGEFQELM KLALNQGKIH HEMQVLEKEV EKRDGDIQQL QKQLKEAEQI LATAVYQAKE KLKSIEKARK

GAISSEEIIK YAHRISASNA VCAPLTWVPG DPRRPYPTDL EMRSGLLGQM NNPSTNGVNG HLPGDALAAG

RLPDVLAPQY PWQSNDMSMN MLPPNHSSDF LLEPPGHNKE DEDDVEIMST DSSSSSSESD LEHHHHHH .

Precautions

MED4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NPJ6)