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32-4192: Recombinant Human Mediator Complex Subunit 4

Alternative Name :	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

Description

Source : Escherichia Coli. MED4 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 278 amino acids (1-270 a.a.) and having a molecular mass of 30.7kDa. MED4 is fused to 8 amino acids His Tag at C-terminus and purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	25 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	The MED4 protein solution contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 1mM DTT and 100mM NaCl.
Storage condition :	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.
Amino Acid :	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.

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