

# Product information



## MED4, 1-270aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0552

**Full name:** Mediator complex subunit 4

**NCBI Accession No.:** AAH05189

**Synonyms:** ARC36, DRIP36, VDRIP

**Description:** Mediator complex subunit 4 (MED4) is also known as mediator of RNA polymerase II transcription subunit 4 or vitamin D3 receptor-interacting protein complex 36 kDa component (DRIP36). This protein is a component of the vitamin D receptor-interacting protein (DRIP) complex which functions as a nuclear receptor coactivator. The DRIP complex is capable of activating nuclear receptors in a ligand-dependent manner. Recombinant human MED4, fused to His-tag at C-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

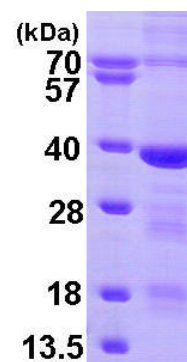
**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol,

1mM DTT, 100mM NaCl

**Molecular Weight:** 30.7kDa (278aa), confirmed by MALDI-TOF

**Purity:** > 80% by SDS - PAGE

**Concentration:** 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MAASSSGEKE KERLGGGLGV AGGNSTRERL LSALEDLEVL SRELIEMLAI SRNQKLLQAG EENQVLELLI HRDGEFQELM KLALNQGKIH  
HEMQVLEKEV EKRDGDIQQL QKQLKEAEQI LATAVYQAKE KLKSI EKARK GAISSEEI IK YAHRI SASNA VCAPL TWVPG DPRRPYPTDL  
EMRSGLLGQM NNPSTNGVNG HLPGDALAAG RLPDVLAPQY PWQSNQMSMN MLPPNHSSDF LLEPPGHNKE DEDDVEIMST DSSSSSES  
LEHHHHHH

### General references:

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**

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Rachez C., *et al.* (1999) *Nature* 398 (6730): 824–8.

Panierakis C., *et al.* (2009) *Int J Infect Dis.* 13 (6):e437-43.

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

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