

Recombinant Human MED24 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. MED24-350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MED24 MS Standard C13 and N15-labeled recombinant protein (NP_055630) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	110.3 kDa
AA Sequence	MKVVNLIKQAILQAWKERWSDYQWAINMKKFFPKGATWDILNLADALLEQAMIGPSP NPLILSYLKYAISQMVSYSSVLTAISKFDDFSRDLCVQALLDIMDMFCDRLSCHGKA EECIGLCRALLSALHWLLRCTAASAERLREGLEAGTPAAGEKQLAMCLQRLEKTLSS TKNRALLHIAKLEEASSWTAIEHSLLKLGEILANLSNPQLRSQAEQCGTLIRSIPTMLS VHAEQMHKTGFPTVHAVILLEGTMNLTGETQSLVEQLTMVKRMQHIPTPLFVLEIWK ACFVGLIESPEGTEELKWTAFITFLKIPQVLVKKKYSHGDKDFTEDVNCAFEFLKLT

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PLLDKADQRCNCDCTNFLQECGKQGLLSEASVNNLMAKRKADREHAPQQKSGEN
 ANIQPNILILRAEPTVTNLIKTMADADHSKSPEGLLGVLGHMLSGKSLDLLLAAAAATG
 KLKSFARKFINLNEFTTYGSEESTKPASVRALLFDISFLMLCHVAQTYGSEVILSESRT
 GAEVPPFFETWMQTCMPEEGKILNPDHPCFRPDSTKVESLVALNNSSEMMLVQMK
 WHEACLSISAAILEILNAWENGVLAFESIQKITDNIKGKVCSLAVCAVAWLVAHVRL
 GLDEREKSLLQIRQLAGPLFSENTLQFYNERVVIMNSILERMCAVLQQTATQIKFPS
 TGVDTMPYWNLLPPKRPIKEVLTDIFAKVLEKGWVDSRSIHIFDTLLHMGGVYWFCN
 NLIKELLKETRKEHTLRAVELLYSIFCLDMQQVTLVLLGHILPGLLTDSSKWHSLMDPP
 GTALAKLAVWCALSSYSSHKQASTRQKKRHREDIEDYISLFPLDDVQPSKLMRLLS
 SNEDDANILSSPTDRSMSSSLASQLHTVNMRLPLNRVLANLFLLISSILGSRTAGPH
 TQFVQWFMEECVDCLEQGGGRGSVLQFMPFTTVSELVKVSAMSSPKVVLAITDLSLP
 LGRQVAAKAIAALTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MED24 mediator complex subunit 24 [Homo sapiens (human)]

Official Symbol MED24

Synonyms MED24; mediator complex subunit 24; cofactor required for Sp1 transcriptional

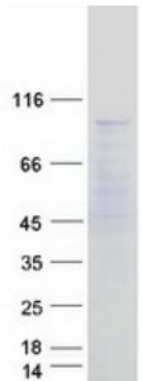
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activation, subunit 4, 100kDa, CRSP4, THRAP4, thyroid hormone receptor associated protein 4; mediator of RNA polymerase II transcription subunit 24; CRSP100; DRIP100; KIAA0130; TRAP100; CRSP complex subunit 4; thyroid hormone receptor associated protein 4; thyroid hormone receptor-associated protein 4; activator-recruited cofactor 100 kDa component; cofactor required for Sp1 transcriptional activation subunit 4; mediator of RNA polymerase II transcription, subunit 24 homolog; vitamin D3 receptor-interacting protein complex 100 kDa component; vitamin D3 receptor-interacting protein complex component DRIP100; thyroid hormone receptor-associated protein complex 100 kDa component; cofactor required for Sp1 transcriptional activation, subunit 4, 100kDa; CRSP4; ARC100; THRAP4; MGC8748;

Gene ID	9862
mRNA Refseq	NM_014815
Protein Refseq	NP_055630
MIM	607000
UniProt ID	O75448

SDS-PAGE

116 —
66 —
45 —
35 —
25 —
18 —
14 —

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