

Recombinant Human MED25 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MED25-848H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MED25 MS Standard C13 and N15-labeled recombinant protein (NP_112235) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a component of the transcriptional coactivator complex termed the Mediator complex. This complex is required for transcription of most RNA polymerase II-dependent genes. The encoded protein plays a role in chromatin modification and in preinitiation complex assembly. Mutations in this gene are associated with Charcot-Marie-Tooth disease type 2B2.
Molecular Mass	78.2 kDa
AA Sequence	MVPGSEGPARGSVVADVVFVIEGTANLGPYFEGLRKHYLLPAIEYFNGGPPAETDF GGDYGGTQYSLVFNNTVDCAPESYVQCHAPTSSAYEFVTWLDGIKFMGGGGESCS LIAEGLSTALQLFDDFKKMREQIGQTHRVCLLICNSPPYLLPAVESTTYSGCTTENLV QQIGERGIHFSIVSPRKLPALRLLFEKAAPPALLEPLQPPTDVSQDPRHMLVRGLVL PVGGGSAPGPLQSKQPVPLPPAAPSGATLSAAPQQPLPPVPPQYQVPGNLSAAQV AAQNAVEAAKNQKAGLGPRFSPITPLQQAAPGVGPPFSQAPAPQLPPGPPGAPKPP PASQPSLVSTVAPGSGLAPTAQPGAPSMAGTVAPGGVSGPSPAQLGAPALGGQQS VSNKLLAWSGVLEWQEKPKPASVDANTKLTRSLPCQVYVNHGENLKTEQWPQKLI

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MQLIPQQLTTLGPLFRNSRMVQFHFTNKDLESKGLYRIMGNGFAGCVHFPHTAPC
 EVRVLMMLLYSSKKKIFMGLIPYDQSGFVNGIRQVITNHHKQVQQQKLEQQQRGMGGQ
 QAPPGLGPILEDQARPSQNLLQLRPPQPQPQGTVGASGATGQPQPQGTAPPPGA
 PQGPPGAASGPPPPGPILRPQNPGANPQLRSLNPPPPQTGVPPPQASLHHLQPP
 GAPALLPPPHQGLGQPQLGPPLHPPPAQSWPAQLPPRAPLPGQMLLSGGPRGPV
 PQPGLQPSVMEDDILMDLITRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 MED25 mediator complex subunit 25 [Homo sapiens (human)]

Official Symbol MED25

Synonyms MED25; mediator complex subunit 25; mediator of RNA polymerase II transcription, subunit 25 homolog (S. cerevisiae); mediator of RNA polymerase II transcription subunit 25; ACID1; ARC92; DKFZp434K0512; TCBAP0758; prostate-derived protein 78 kDa; activator-recruited cofactor 92 kDa component; ARC/mediator transcriptional coactivator subunit; activator interaction domain-containing protein 1; mediator of RNA polymerase II transcription, subunit 25 homolog; P78; PTOV2; CMT2B2; MGC70671;

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Gene ID	81857
mRNA Refseq	NM_030973
Protein Refseq	NP_112235
MIM	610197
UniProt ID	Q71SY5
SDS-PAGE	