

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

MVPGSEGPARGSVVADVVFVIEGTANLGPYFEGLRKHILLPAIEYFNGGPPAETDF
GGDYGGTQYSLVFNVTDCAPESYVQCHAPTSSAYEFVTWLDGIKFMGGGGESCS
LIAEGLSTALQLFDDFKMREQIGQTHRVCLLICNSPPYLLPAVESTTYSGCTTENLV
QQIGERGIHFSIVSPRKLPLRLLFEKAAPPALLEPLQPPTDVSQDPRHMLVVRGLV
PVGGGSAPGPLQSKQPVPLPPAAPSGATLSAAPQQPLPPVPPQYQVPGNLSAAQV
AAQNAVEAAKNQKAGLGPRFSPITPLQQAAPGVGPPFSQAPAPQLPPGPPGAPKPP
PASQPSLVSTVAPGSGLAPTAQPGAPSMAGTVAPGGVSGPSPAQLGAPALGGQQS
VSNKLLAWSGVLEWQEKPASVDANTKLTRSLPCQVYVNHGENLKTEQWPQKLI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MQLIPQQLLTTLGPLFRNSRMVQFHFTNKDLESKGLYRIMGNGFAGCVHFPHTAPC
 EVRVLMLLYSSKKKIFMGLIPYDQSGFVNGIRQVITNHKQVQQQKLEQQQRGMGGQ
 QAPPGLGPILEDQARPSQNLQLRPPQPQPQGTVGASGATGQPQPQGTAPPPGA
 PQGPPGAASGPPPPGPILRPQNPGANPQLRSLLNPPPPQTGVPPPQASLHHLQPP
 GAPALLPPPHQGLGQPQLGPPLLHPPPAQSWPAQLPPRAPLPGQMLLSGGPRGPV
 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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID 81857

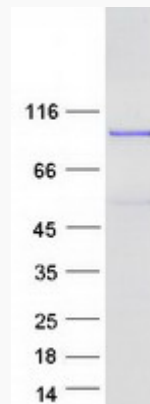
mRNA Refseq NM_030973

Protein Refseq NP_112235

MIM 610197

UniProt ID Q71SY5

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA