Recombinant Human MED25 Protein, GST-tagged

Cat. No. MED25-4471H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MED25 full-length ORF (ACE87677.1, 1 a.a. - 747 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Apr 2010]
Molecular Mass	108.57 kDa
AA Sequence	MVPGSEGPARAGSVVADVVFVIEGTANLGPYFEGLRKHYLLPAIEYFNGGPPAETDF GGDYGGTQYSLVVFNTVDCAPESYVQCHAPTSSAYEFVTWLDGIKFMGGGGESCS LIAEGLSTALQLFDDFKKMREQIGQTHRVCLLICNSPPYLLPAVESTTYSGCTTENLV QQIGERGIHFSIVSPRKLPALRLLFEKAAPPALLEPLQPPTDVSQDPRHMVLVRGLVL PVGGGSAPGPLQSKQPVPLPPAAPSGATLSAAPQQPLPPVPPQYQVPGNLSAAQV AAQNAVEAAKNQKAGLGPRFSPITPLQQAAPGVGPPFSQAPAPQLPPGPPGAPKPP PASQPSLVSTVAPGSGLAPTAQPGAPSMAGTVAPGGVSGPSPAQLGAPALGGQQS VSNKLLAWSGVLEWQEKPKPASVDANTKLTRSLPCQVYVNHGENLKTEQWPQKLI MQLIPQQLLTTLGPLFRNSRMVQFHFTNKDLESLKGLYRIMGNGFAGCVHFPHTAPC

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	EVRVLMLLYSSKKKIFMGLIPYDQSGFVNGIRQVITNHKQVQQQKLEQQQRGMGGQ QAPPGLGPILEDQARPSQNLLQLRPPQPQPQGTVGASGATGQPQPQGTAQPPPGA PQGPPGAASGPPPPGPILRPQNPGANPQLRSLLLNPPPPQTGVPPPQASLHHLQPP GAPALLPPPHQGLGQPQLGPPLLHPPPAQSWPAQLPPRAPLPGQMLLSGGPRGPV PQPGLQPSVMEDDILMDLI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MED25 mediator complex subunit 25 [Homo sapiens]
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;

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

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