

Product datasheet for PH309044

MED25 (NM_030973) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MED25 MS Standard C13 and N15-labeled recombinant protein (NP_112235)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209044
Predicted MW:	78.2 kDa
Protein Sequence:	>RC209044 protein sequence Red=Cloning site Green=Tags(s)

MVPGSEGPARGSVVADVVFVIEGTANLGPYFEGLRKHYLLPAIEYFNGGPPAETDFGGDYGGTQYSLVV
FNTVDCAPESYVQCHAPTSSAYEFVTWLDGIKFMGGGEGSCSLIAEGLSTALQLFDDFKMREQIQGQTHR
VCLLICNSPPYLLPAVESTTYSCTTENLVQQIGERGIHFIVSPRKLPAALRLLFEKAAPPALLEPLQPP
TDVSQDPRHMLVRGLVLPVGGGSAPGPLQSKQPVPLPPAAPSGATLSAAPQQPLPPVPPQYVPGNLSA
AQVAAQNAVEAAKNQKAGLGRFSPIITPLQQAAPGVGPPFSQAPAPQLPPGPPGAPKPPASQPSLVSTV
APGSGLAQPGAPSMAGTVAPGGVSGPSPAQLGAPALGGQSVSNKLLAWSGVLEWQEKPKPASVDAN
TKLTRSLPCQVYVNHGENLKTQWPQKLIMQLIPQQLTTLGPLFRNSRMVQFHFVTKNDLESKGLYRIM
GNGFAGCVHFPHTAPCEVRVLMMLLYSSKKKIFMGLIPYDQSGFVNGIRQVITNHKQVQQQKLEQQQRGMG
GQQAPPGLGPILEDQARPSQNLQLRPPQPQPQGTGASGATGQPQPQGTAPPPGAPQPPGAASGPPP
PGPILRPQNPGANPQLRSLLLNPPPPQTVGPPQASLHHLQPPGAPALLPPHQGLGQPQLGPPLLHPPP
AQSWPAQLPPRAPLPGQMLLSGGPRGPVQPGLQPSVMEDDILMDLI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_112235</u>

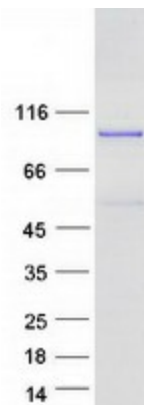


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RefSeq Size:	2361
RefSeq ORF:	2241
Synonyms:	ACID1; ARC92; BVSYS; CMT2B2; P78; PTOV2; TCBAP0758
Locus ID:	81857
UniProt ID:	Q71SY5
Cytogenetics:	19q13.33

Summary: 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]

Product images:



Coomassie blue staining of purified MED25 protein (Cat# [TP309044]). The protein was produced from HEK293T cells transfected with MED25 cDNA clone (Cat# [RC209044]) using MegaTran 2.0 (Cat# [TT210002]).