

Recombinant Full Length Human MNAT1 Protein, C-Flag-tagged

Cat. No. MNAT1-1637HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MNAT1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene, along with cyclin H and CDK7, forms the CDK-activating kinase (CAK) enzymatic complex. This complex activates several cyclin-associated kinases and can also associate with TFIIH to activate transcription by RNA polymerase II. Two transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.6 kDa
AA Sequence	MDDQGCPRCKTTKYRNPSLKLMVNVCGHTLCESCVDLLFVRGAGNCPECGTPLRK SNFRVQLFEDPTVDK EVEIRKKVLKIYNKREEDFPSLREYNDFLEEEVEEIVFNLTNNV DLDN TKKKMEIYQKENKDVIQKNKLKL TREQEELEEAL EVERQENEQRRLFIQKEEQ LQQILKRKNKQAFLEESSDLPVALLLAQHKDRSTQLEM QLEKPKPKVPVTFSTGI KMGQHISLAPIHKLEELYEYQPLQIETYGPHVPELEMLGRLGYLNHVRAASP QDLAGGYTSSLACHRALQDAFSGLFWQPSTRTRPLEQKLISEEDLAANDILDYKDDD DKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Protein Pathways	Nucleotide excision repair
Full Length	Full L.

GENE INFORMATION

Gene Name	MNAT1 MNAT1 component of CDK activating kinase [Homo sapiens (human)]
Official Symbol	MNAT1
Synonyms	MAT1; TFB3; CAP35; RNF66
Gene ID	4331
mRNA Refseq	NM_002431.4
Protein Refseq	NP_002422.1

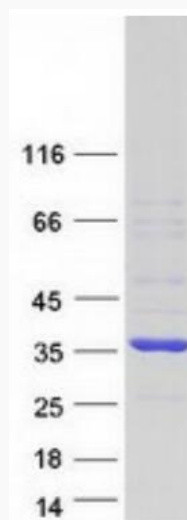
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MIM 602659

UniProt ID P51948



Coomassie blue staining of purified MNAT1 protein.

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