

Recombinant Full Length Human MNAT1 Protein, GST-tagged

Cat. No. MNAT1-6285HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MNAT1 full-length ORF (NP_002422.1, 1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	309 amino acids
Description	Cyclin-dependent kinases (CDKs), which play an essential role in cell cycle control of eukaryotic cells, are phosphorylated and thus activated by the CDK-activating kinase (CAK). CAK is a multisubunit protein that includes CDK7 (MIM 601955), cyclin H (CCNH; MIM 601953), and MAT1. MAT1 (for menage a trois-1) is involved in the assembly of the CAK complex.[supplied by OMIM
Molecular Mass	62.2 kDa
AA Sequence	MDDQGCPRCKTTKYRNPSLKLMVNVCGHTLCESCVDLLFVRGAGNCPECGTPLRK SNFRVQLFEDPTVDKEVEIRKKVLKIYNKREEDFPSLREYNDFFLEEVEEIVFNLTNNV DLDNTRKKMEIYQKENKDVIQKNKLTREQEELEEALEVERQENEQRRLFIQKEEQ LQQILKRKNKQAFLEESSDLPVALLLAQHKDRSTQLEMQLKPKPKVPVTFSTGIK MGQHISLAPIHKLEEALYEYQPLQIETYGPHVPELEMLGRLGYLNHVRAASPQDLG GYTSSLACHRALQDAFSGLFWQPS
Applications	Enzyme-linked Immunoabsorbent Assay

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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 MNAT1 menage a trois homolog 1, cyclin H assembly factor (*Xenopus laevis*) [*Homo sapiens*]

Official Symbol MNAT1

Synonyms MAT1; TFB3; CAP35; RNF66

Gene ID 4331

mRNA Refseq NM_002431

Protein Refseq NP_002422

MIM 602659

UniProt ID P51948

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