

CDK7 & CCNH & MNAT1 Protein, Human, Recombinant (His)

General Information

Synonyms:	HCAK;CAK1;cyclin-dependent kinase 7;p39MO15;CDKN7;STK1;MO15
Protein Construction:	A DNA sequence encoding the human CDK7 (P50613) (Ala 2-Phe 346) was fused with a polyhistidine tag at the N-terminus, constructed the plasmid 1; A DNA sequence encoding the human CCNH (P51946) (Tyr 2-Leu 323) was fused with a polyhistidine tag at the N-terminus, constructed the plasmid 2. A DNA sequence encoding the human MNAT1 (P51948) (Asp 2-Ser 309) was fused with a polyhistidine tag at the N-terminus, constructed the plasmid 3. The three plasmids were co-expressed and the heterotrimer was purified. Predicted N terminal: His & His & His
Species:	Human
Expression Host:	Baculovirus Insect Cells
Accession:	P50613&P51946&P51948
Molecular Weight:	118.8 kDa (predicted); 25,38 & 44 kDa (reducing conditions)

QC Testing

Biological Activity:	The specific activity is >5 nmol/min/mg using MBP as substrate.
Purity:	> 85 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Supplied as sterile PBS, pH 7.4.

Preparation and Storage

Reconstitution:	A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.
Stability & Storage:	It is recommended to store the product under sterile conditions at -20°C to -80°C. Samples are stable for up to 12 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	Proteins are shipped with blue ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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