

CDK5-p25 Protein, Human (sf9, GST, His, Flag)

Cat. No.:	HY-P702685
Synonyms:	CDK5; cyclin-dependent kinase 5; PSSALRE; TPKII catalytic subunit; protein kinase CDK5 splicing; cell division protein kinase 5; serine/threonine-protein kinase PSSALRE; tau protein kinase II catalytic subunit;
Species:	Human
Source:	Sf9 insect cells
Accession:	Q00535-1 (M1-P292)&Q15078 (A99-307)
Gene ID:	1020&8851
Molecular Weight:	58.9 kDa&27.4 kDa

PROPERTIES

Biological Activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device. The Km of CDK5-p25 for its substrate is 63 μ M.
Appearance	Solution.
Formulation	Supplied as a 0.2 μ m filtered solution of 50 mM HEPES (pH 7.5), 200 mM NaCl, 5% glycerol.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

Caution: Product has not been fully validated for medical applications. For research use only.

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