

## CDK15-CCNY Protein, Human (sf9, GST, Flag)

<b>Cat. No.:</b>	HY-P702695
<b>Synonyms:</b>	CDK15; cyclin-dependent kinase 15; ALS2CR7, amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 7, PFTAIRE protein kinase 2, PFTK2; PFTAIRE2; PFTAIRE protein kinase 2; cell division protein kinase 15; serine/threonine protein kinase; serine/threonine-protein kinase ALS2CR7; serine/threonine-protein kinase PFTAIRE-2; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 7; amyotrophic lateral sclerosis 2 chromosomal region candidate gene 7 protein; PFTK2; ALS2CR7;
<b>Species:</b>	Human
<b>Source:</b>	Sf9 insect cells
<b>Accession:</b>	Q96Q40-1 (M1-W435)&Q8ND76-1 (M1-S341)
<b>Gene ID:</b>	65061&219771
<b>Molecular Weight:</b>	75.6 kDa & 41.3 kDa

### PROPERTIES

<b>Biological Activity</b>	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 CDK15-CCNY for its substrate is 101.7 $\mu$ M.
<b>Appearance</b>	Solution.
<b>Formulation</b>	Supplied as a 0.2 $\mu$ m filtered solution of 50 mM HEPES (pH 7.5), 200 mM NaCl, 5% glycerol.
<b>Endotoxin Level</b>	<1 EU/ $\mu$ g, determined by LAL method.
<b>Reconstitution</b>	Please use rapid thawing with running water to thaw the protein.
<b>Storage &amp; Stability</b>	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.
<b>Shipping</b>	Shipping with dry ice.

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

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