

## Cell Division Cycle 25A Human Recombinant

<b>Item Number</b>	rAP-2979
<b>Synonyms</b>	M-phase inducer phosphatase 1, Dual specificity phosphatase Cdc25A, CDC25A, CDC25A2.
<b>Description</b>	CDC25A Human Recombinant fused with a 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 560 amino acids (1-524 a.a.) and having a molecular mass of 63.2kDa. The CDC25A is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P30304
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMELG PEPHRRRL FACSPPPASQ PVV-KALFGAS AAGGLSPVTN LVTMDQLQG LGSDYEQPLE VKNNSNLQRM GSSESTDGSGF CLDSPGPLDS KENLENPMRR IHSLPQKLLG CSPALKRSHS DSLDHDIFQL IDPDENKENE AFEFKKPVVRP VSRGCLHSHG LQEGKDLFTQ RQNSAPARML SSNERDSSEP GNFIPLFTPQ SPVTATLSDE DDGFVDLLDG ENLKNEEETP SCMASLWTAP LVMRTTNLDN RCKLFDSPSL CSSSTRSVLK RPERSQEESE PGSTKRRKSM SGASPKESTN PEKAHETLHQ SLSLASSPKG TIENILDNDP RDLIGDF-
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The CDC25A solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 20% glycerol, 0.2M NaCl and 1mM EDTA. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**