Active Recombinant Human CDC25B Protein, Met & His-tagged

Cat. No. CDC25B-547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC25B (Accession # NP_004349) Glu377-Gln566, fused with an N-terminal Met and 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu377-Gln566
Predicted N Terminal	Met
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl, EDTA, DTT and Glycerol.
Bio-activity	Measured by hydrolysis of 250 μM 3-O-methyl fluorescein phosphate (OMFP).The specific activity is >0.5 μmol/min/mg, as measured under the described conditions.
Molecular Mass	Recombinant Human CDC25B, Met & His-tagged has a calculated MW of 23 kDa. In SDS-PAGE migrates as 23-25 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	CDC25B cell division cycle 25 homolog B (S. pombe) [Homo sapiens]
Official Symbol	CDC25B
Synonyms	CDC25B; cell division cycle 25 homolog B (S. pombe); cell division cycle 25 homolog B (S. cerevisiae) , cell division cycle 25B; M-phase inducer phosphatase 2; cell division cycle 25B; dual specificity phosphatase Cdc25B;
Gene ID	994
mRNA Refseq	NM_004358
Protein Refseq	NP_004349
MIM	116949
UniProt ID	P30305
Chromosome Location	20p13

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