Active Recombinant Human CDKN2D protein, GST-tagged

Cat. No. CDKN2D-2502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CDKN2D protein(P55273) (Met 10-Leu 166) was expressed in E.coli, fused with the GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	10-166 aa
Form	Lyophilized from sterile PBS, pH 7.5.
Bio-activity	Immobilized human GST-CDKN2D at 10 μg/ml (100 μl/well) can bind biotinylated human GST-CDK4, The EC50 of biotinylated human GST-CDK4 is 0.52-1.2 μg/ml.
Molecular Mass	The recombinant human CDKN2D/GST chimera consists of 400 amino acids and has a predicted molecular mass of 44.9 kDa. It migrates as an approxiamtely 46 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

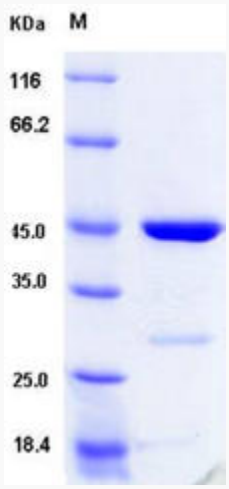
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CDKN2D cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4) [Homo sapiens]
Official Symbol	CDKN2D
Synonyms	CDKN2D; cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4); cyclin-dependent kinase 4 inhibitor D; INK4D; p19; CDK inhibitor p19INK4d; inhibitor of cyclin-dependent kinase 4d; cyclin-dependent kinase 4 inhibitor D p19; cell cycle inhibitor, Nur77 associating protein; p19-INK4D;
Gene ID	1032
mRNA Refseq	NM_001800
Protein Refseq	NP_001791
MIM	600927
UniProt ID	P55273

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SDS-PAGE	

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