

## Active Recombinant Human CDKN2D protein(Met10-Leu166), GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDKN2D protein(P55273)(Met10-Leu166), fused with N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met10-Leu166
<b>similar</b>	CDKN2D
<b>Alias</b>	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;
<b>Conjugate</b>	N-GST
<b>Form</b>	Lyophilized from sterile PBS, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	
<b>MolecularMass</b>	The recombinant human CDKN2D/GST chimera consists of 400 amino acids and

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	has a predicted molecular mass of 44.9 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	CDKN2D cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4) [ Homo sapiens ]
<b>GeneNameWeblink</b>	<a href="#">1032</a>
<b>OfficialSymbol</b>	CDKN2D
<b>OfficialSymbolWeblink</b>	<a href="#">1032</a>
<b>GeneID</b>	1032
<b>GeneIDWeblink</b>	<a href="#">1032</a>
<b>mRNARefseq</b>	NM_001800
<b>mRNARefseqWeblink</b>	<a href="#">NM_001800.3</a>

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<b>ProteinRefseqWeblink</b>	<a href="#">NP_001791.1</a>
<b>MIMWeblink</b>	<a href="#">600927</a>
<b>UniProtID</b>	P55273
<b>UniProtIDWeblink</b>	<a href="#">P55273</a>

## GENE INFORMATION

<b>Synonyms</b>	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;
<b>MIM</b>	600927

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