

# Recombinant Full Length Human PEA15 Protein, C-Flag-tagged

Cat. No. PEA15-2194HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human PEA15 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	This gene encodes a death effector domain-containing protein that functions as a negative regulator of apoptosis. The encoded protein is an endogenous substrate for protein kinase C. This protein is also overexpressed in type 2 diabetes mellitus, where it may contribute to insulin resistance in glucose uptake. Alternative splicing results in multiple transcript variants.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	14.9 kDa
<b>AA Sequence</b>	MAEYGTLLQDLTNNITLEDLEQLKSACKEDIPSEKSEEITGSAWFSFLESHNKLDKD NLSYIEHIFEIS RRPDLLTMVVDYRTRVLKISEEDELDTKLTRIPSAKKYKDIIRQPSEE EIIKLAPPPKKA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and

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	handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	PEA15 proliferation and apoptosis adaptor protein 15 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PEA15
<b>Synonyms</b>	PED; MAT1; HMAT1; MAT1H; PEA-15; HUMMAT1H; PED-PEA15; PED/PEA15
<b>Gene ID</b>	8682
<b>mRNA Refseq</b>	NM_003768.5
<b>Protein Refseq</b>	NP_003759.1
<b>MIM</b>	603434
<b>UniProt ID</b>	Q15121

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Coomassie blue staining of purified PEA15 protein.

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