

Recombinant Mouse Pea15a Protein, Myc/DDK-tagged

Cat. No. Pea15a-4786M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphoprotein enriched in astrocytes 15A (Pea15a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes an adaptor protein that functions as a negative regulator of apoptosis induced by tumor necrosis factor-alpha, tumor necrosis factor-related apoptosis-inducing ligand, and Fas, through its interaction with fas-associated protein with death domain and caspase-8. It also regulates proliferation signaling by relocating the extracellular signal-regulated protein kinases 1 and 2 to the cytosol. The protein encoded by this gene contains an N-terminal death effector domain and a long, flexible C-terminal tail. In humans, the encoded protein is an endogenous substrate for protein kinase C. This protein is overexpressed in type 2 diabetes mellitus, where it may contribute to insulin resistance in glucose uptake. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.
Molecular Mass	15.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	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.

Storage Store at -80 centigrade after receiving vials.

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Pea15a phosphoprotein enriched in astrocytes 15A \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Pea15a](#)

Synonyms Pea15a; phosphoprotein enriched in astrocytes 15A; Mat; Pea; Mat1; PEA-; Pkcs; Pea15; PEA-15; Pkcs15; astrocytic phosphoprotein PEA-15; 15 kDa phosphoprotein enriched in astrocytes; mammary transforming gene 1; phosphoprotein enriched in astrocytes 15

Gene ID [18611](#)

mRNA Refseq [NM_011063](#)

Protein Refseq [NP_035193](#)

UniProt ID [Q62048](#)

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