

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	<p>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.</p> <p>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.</p>
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA