

Recombinant Human PEA15

Cat. No. PEA15-30833TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein of Human PEA15 , 15kDa.
Species	Human
Source	E.coli
ProteinLength	130 amino acids
Description	This gene encodes a death effector domain-containing protein, which is a major phosphoprotein in astrocytes, and an endogenous substrate for protein kinase C. Studies using knockout mice suggest that this protein may protect astrocytes from TNF-induced apoptosis. This protein is also overexpressed in type 2 diabetes mellitus, where it may contribute to insulin resistance in glucose uptake.
Molecular Weight	15.000kDa
Tissue specificity	Ubiquitously expressed. Most abundant in tissues such as heart, brain, muscle and adipose tissue which utilize glucose as an energy source. Lower expression in glucose-producing tissues. Higher levels of expression are found in tissues from individuals wi
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	pH: 7.50 Constituents: 0.32% Tris HCl, 0.02% DTT, 10% Glycerol
Storage	Store at 4°C. Aliquot and store at -20°C long-term.
Sequences of amino acids	MAEYGTLLQD LTNNITLEDL LKSACKED IPSEKSEEIT TGSAWFSFLE HNKLDKDNL SYIEHIFEIS RRPDLLTMVV DYRTRVLKIS EDELDTKLT RIPSAKKYKD IIRQPSEEEI IKLAPPPKKA
Sequence Similarities	Contains 1 DED (death effector) domain.

GENE INFORMATION

Gene Name	PEA15 phosphoprotein enriched in astrocytes 15 [Homo sapiens]
Official Symbol	PEA15
Synonyms	PEA15; phosphoprotein enriched in astrocytes 15; astrocytic phosphoprotein PEA-15; HMAT1; homolog of mouse MAT 1 oncogene; HUMMAT1H; MAT1; MAT1H; PEA 15; PED; Phosphoprotein enriched in astrocytes; 15kD;
Gene ID	8682
mRNA Refseq	NM_003768
Protein Refseq	NP_003759
MIM	603434
Uniprot ID	Q15121
Chromosome	1q21.1

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Location	
Function	protein binding;

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