

Recombinant Human PEA15

Cat. No. PEA15-30834TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PEA15; amino acids 1-130 , 15kDa.
Species	Human
Source	E.coli
ProteinLength	1-130 a.a.
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.
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
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 7.5

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MAEYGTLLQD LTNNITLEDL EQLKSACKED IPSEKSEEIT TGSAWFSFLE SHNKLDKDNL SYIEHIFEIS RRPDLLTMVV DYRTRVLKIS EEDELDTKLT RIPSAKKYKD IIRQPSEEEI IKLAPPPKKA
Sequence Similarities	Contains 1 DED (death effector) domain.
Full Length	Full L.
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

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Chromosome Location	1q21.1
Function	protein binding;