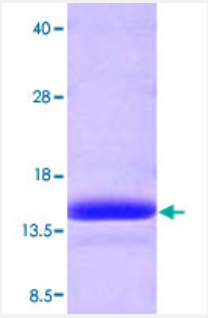
Full-Length

# PEA15 (Human) Recombinant Protein

Catalog # P3400 Size 100 ug

## Applications




## Specification

| | |
|---|---|
| **Product Description** | Human PEA15 (NP_003759, 1 a.a. - 130 a.a.) full-length recombinant protein expressed in *Escherichia coli*. |
| **Sequence** | MAEYGTLLQDLTNNITLEDLEQLKSACKEDIPSEKSEEITTGSAWFSFLESHNKLDKDNLSYIEHIFEISRRPDLLTMVVDYRTRVLKISEEDELDTKLTRIPSAKKYKDIIRQPSEEEIIKLAPPPKKA |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 15 |
| **Form** | Liquid |
| **Preparation Method** | *Escherichia coli* expression system |
| **Purification** | Conventional Chromatography |
| **Concentration** | 1 mg/mL |
| **Purity** | > 90% by SDS-PAGE |
| **Quality Control Testing** | Loading 3 ug protein in 15% SDS-PAGE |
| **Storage Buffer** | In 20 mM Tris-HCl buffer, pH 7.5 (1 mM DTT, 10% glycerol). |

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| | |
|---|---|
| **Storage Instruction** | Store at 2°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing. |

## Applications

- SDS-PAGE

## Gene Info — PEA15

| | |
|---|---|
| **Entrez GeneID** | 8682 |
| **Protein Accession#** | NP_003759 |
| **Gene Name** | PEA15 |
| **Gene Alias** | HMAT1, HUMMAT1H, MAT1, MAT1H, PEA-15, PED |
| **Gene Description** | phosphoprotein enriched in astrocytes 15 |
| **Omim ID** | 603434 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | PEA15 is a death effector domain (DED)-containing protein predominantly expressed in the central nervous system, particularly in astrocytes.[supplied by OMIM |
| **Other Designations** | OTTHUMP00000029886\|Phosphoprotein enriched in astrocytes, 15kD\|homolog of mouse MAT-1 oncogene |

## Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Metabolic Syndrome X
- Neoplasms
- Osteoporosis

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