Recombinant Human PEA15 Protein Product Manual

1. Product Basic Information

Product No.: REP07764

Protein Name: Homolog Of Mouse Mat-1 Oncogene (PEA15)

Aliases: PED; MAT1; HMAT1; MAT1H; PEA-15; HUMMAT1H; PED-PEA15; PED/PEA15; homolog of mouse MAT-1 oncogene; astrocytic phosphoprotein PEA-15; phosphoprotein enriched in diabetes; proliferation and apoptosis ada...

UniProt ID: Q15121

UniProt Link: https://www.uniprot.org/uniprotkb/Q15121/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-130aa)

Molecular Weight: 42.0kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-130aa)

MAEYGTLLQDLTNNITLEDLEQLKSACKEDIPSEKSEEITTGSAWFSFLESHNKLDKD NLSYIEHIFEISRRPDLLTMVVDYRTRVLKISEEDELDTKLTRIPSAKKYKDIIRQPSEE EIIKLAPPPKKA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause

protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human PEA15 full length protein (1-130aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. PEA15, also known as PED or MAT1 or HMAT1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.