

Phosphoprotein Enriched in Astrocytes 15 Human Recombinant

Item Number	rAP-4440
Synonyms	Astrocytic phosphoprotein PEA-15, 15 kDa phosphoprotein enriched in astrocytes, Phosphoprotein enriched in diabetes, PED, PEA15, MAT1, HMAT1, MAT1H, PEA-15, HUMMAT1H.
Description	PEA15 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 130 amino acids (1-130 a.a.) and having a molecular mass of 15kDa. The PEA15 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15121
Amino Acid Sequence	MAEYGTLLQD LTNNITLEDL LKSACKED IPSEKSEEIT TGSWFSFLE HNKLDKDNL SYIEHIFEIS RRPDLLTMVV DYRTRVLKIS EDELDTKLT RIPSARKKYKD IIRQPSEEEI IKLAPPPKKA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The PEA15 protein solution contains 20mM Tris-HCl buffer (pH 7.5), 1mM DTT and 10% Glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**