

Pregnancy-Associated Plasma Protein-1 Human Recombinant

Item Number rAP-1393

Synonyms Pappalysin-1, Pregnancy-associated plasma protein A, PAPP-A, Insulin-like growth factor-dependent IGF-binding protein 4 protease, IGF-dependent IGFBP-4 protease, IGFBP-4ase, PAPPA, PAPA, DIPLA1, PAPPA1, ASBABP2.

Description PAPP-A Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 191 amino acids fragment (81-271) corresponding to the PAPP-A "Jelly-Roll" domain fragment, having a total molecular mass of 30kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The PAPP-A is

Uniprot Accesion Number Q13219

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered clear 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. Please avoid freeze thaw cycles.

Formulation and Purity PAPP-A protein is supplied in 1x PBS and 50% glycerol. Greater than 95.0% 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**