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## Recombinant Human PCMT1 Protein, N-His

Catalog Number: bs-105583P

Species: Human

AA Seq: 1-227/227

Predicted MW: 26.8 kDa

Tags: N-His

Activity: Not tested

Purity: >90% as determined by SDS-PAGE.

Purification: AC

Form: Lyophilized

Storage: Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

**Background:** PCMT1 (Protein-L-isoaspartate (D-aspartate) O-methyltransferase) plays a role in the repair and/or degradation of damaged proteins by initiating the conversion of abnormal D-aspartyl and L-isoaspartyl residues to the normal L-aspartyl form. It catalyzes the methyl esterification of L-isoaspartyl and D-aspartyl residues in peptides and proteins that result from spontaneous deamidation, isomerization, and racemization of normal L-aspartyl and L-asparaginyl residues.