

Recombinant Human PEMT protein, GST-tagged

Cat. No. PEMT-1798H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PEMT protein(1-236 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-236 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MKRSGNPGA EVTNSSVAGPDCCGGLGNIDFRQADFCVMTRLLGYVDPLDPSFVAA VITITFNPLYWNVVARWEHKTRKLSRAFGSPYLACYSLSVTILLNFLRSHCFTQAML SQPRMESLDTPAAYS LGLALLGLGVVLVLSSFFALGFAGTFLGDYFGILKEARVTVFP FNILDNPMYWGSTANYLGWAIMHASPTGLLLTVLVALTYIVALLYEEPFTA EIYRQKA SGSHKRS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [PEMT phosphatidylethanolamine N-methyltransferase \[Homo sapiens \]](#)

Official Symbol [PEMT](#)

Synonyms PNMT; PEAMT; PEMPT; PEMT2

Gene ID [10400](#)

mRNA Refseq [NM_148173.1](#)

Protein Refseq [NP_680478.1](#)

MIM [602391](#)

UniProt ID [Q9UBM1](#)

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