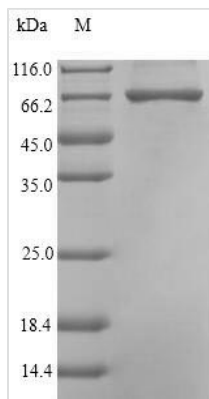




Recombinant Pseudomonas sp. Carboxypeptidase G2 (cpg2)

Product Code	CSB-EP361895PVV
Relevance	Catalyzes the hydrolysis of reduced and non-reduced folates to pteroates and L-glutamate. This enzyme has a broad specificity.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P06621
Alias	Folate hydrolase G2Glutamate carboxypeptidasePteroylmonoglutamic acid hydrolase G2INN: Glucarpidase
Product Type	Recombinant Protein
Immunogen Species	Pseudomonas sp. (strain RS-16)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ALAQKRDNVLFQAATDEQPAVIKTLEKLVNIETGTGDAEGIAAAGNFLEAELKN LGFTVTRSKSAGLVVGDNIVGKIKGRGGKNLLLSHMDTVYLKILAKAPFRVE GDKAYGPGIADDKGGNAVILHTLKLKEYGVRDYGTTITVLFNTDEEKGSFGSRD LIQEEAKLADYVLSFEPTSAGDEKLSLGTSGIAYVQVNITGKASHAGAAPELGV NALVEASDLVLRMTNIDDKAKNLRFNWTIAKAGNVSNIIIPASATLNADVRYARN EDFDAAMKTLEERAQQKKLPEADVKVIVTRGRPAFNAGEGGKKLVDKAVAYY KEAGGTLGVEERTGGGTDAAYAALSGKPVIESLGLPGFGYHSDKAHEYVDISAIP RRLYMAARLIMDLGAGK
Lead Time	3-7 business days
Research Area	Others
Source	E.coli
Gene Names	cpg2
Expression Region	23-415aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	68.7kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.