

Recombinant Pseudomonas sp. CPG2 Protein (23-415 aa), GST-tagged

Cat. No. CPG2-956P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pseudomonas sp. (strain RS-16) CPG2 Protein (23-415 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Pseudomonas sp.
Source	E.coli
ProteinLength	23-415 aa
Description	Catalyzes the hydrolysis of reduced and non-reduced folates to pteroates and L-glutamate. This enzyme has a broad specificity.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	68.7 kDa
AA Sequence	ALAQKRDNVLFQAATDEQPAVIKLEKLVNIETGTGDAEGIAAAGNFLEAELKNLGFT VTRSKSAGLVVGDNIIVGKIKGRGGKNNLLMSHMDTVYLKGILAKAPFRVEGDKAYGP GIADDKGGNAVILHTLKLKEYGVRDYGTITVLFNTDEEKGSFGSRDLIQEEAKLADY VLSFEPTSAGDEKLSLGTSGIAYVQVNITGKASHAGAAPELGVNALVEASDLVLRMT NIDDKAKNLRFNWTIAKAGNVSNIPASATLNADVRYARNEDFDAAMKTLERAQQK KLPEADVKKVIVTRGRPAFNAGEGGKKLVDKAVAYYKEAGGTLGVEERTGGGTDAA AALSGKPVIESLGLPGFGYHSDKAEYVDISAIPRRLYMAARLIMDLGAGK

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
UniProt ID	P06621

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