

Carboxypeptidase G2 (cpg2) Recombinant Protein | cpg2 recombinant protein

Recombinant Pseudomonas sp. Carboxypeptidase G2 (cpg2)

CATALOG # AAA114498	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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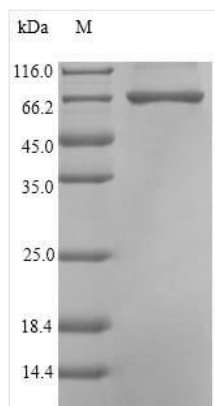
PRODUCT SYNONYMS

Carboxypeptidase G2 (cpg2); Recombinant Pseudomonas sp. Carboxypeptidase G2 (cpg2); Carboxypeptidase G2; CPDG2; EC=3.4.17.11; Folate hydrolase G2; Glutamate carboxypeptidase; Pteroylmonoglutamic acid hydrolase G2; INN=; Glucarpidase; cpg2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	23-415aa; Full Length of Mature Protein
Sequence	ALAQRDNLV FQAATDEQPA VIKTLEKLVN IETGTGDAEG IAAAGNFLEA ELKNLGFTVT RSKSAGLVVG DNIVGKIKGR GGKNLLLSH MDTVYLKIL AKAPFRVEGD KAYGPGIADD KGGNAVILHT LKLLKEYGVR DYGTITVLFN TDEEKGSFGS RDLIQEEAKL ADYVLSFEPT SAGDEKLSLG TSGIAYVQVN ITGKASHAGA APELGVNALV EASDLVLRM NIDDKAKNLR FNWTIAKAGN VSNIIPASAT LNADVRYARN EDFDAAMKTL EERAQQKKLP EADVIVTR GRPAFNAGEG GKKLVDKAVA YYKEAGGTG VEERTGGGTD AAYAALSGKP VIESLGLPGF GHSDKAIEYV DISAIPRRLY MAARLMDLG AGK
Species	Pseudomonas sp. (strain RS-16)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for cpg2 recombinant protein	Catalyzes the hydrolysis of reduced and non-reduced folates to pteroates and L-glutamate. This enzyme has a broad specificity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115890
UniProt Accession #	P06621
Molecular Weight	68.7 kDa
NCBI Official Full Name	Carboxypeptidase G2
UniProt Protein Name	Carboxypeptidase G2
UniProt Gene Name	cpg2
UniProt Synonym Gene Names	CPDG2
UniProt Entry Name	CBPG_PSES6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cpg2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114498>