

Protease 7 (ompT) Recombinant Protein | ompT recombinant protein

Recombinant Escherichia coli Protease 7 (ompT)

CATALOG #
AAA235208

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

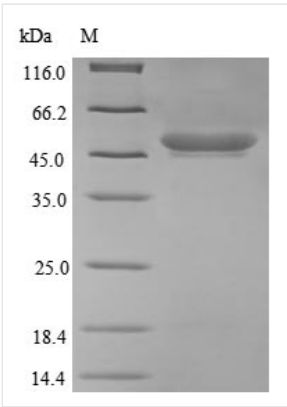
PRODUCT SYNONYMS

Protease 7 (ompT); Recombinant Escherichia coli Protease 7 (ompT); Omptin; Outer membrane protein 3B; Protease A; Protease VII; ompT 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	21-317aa(G236K,K237G); Full Length of Mature Protein
Sequence	STETLSFTPD NINADISLGT LSGKTKERVY LAEEGGRKVS QLDWKFNNAA IIKGAINWDL MPQISIGAAG WTTLGSRGGN MVDQDWMDS NP GTWTDSE R HPDTQLNYAN EFDLNIKGWL LNEPNYRLGL MAGYQESRYS FTARGGSYIY SSEEGFRDDI GSF PNGERAI GYKQRFKMPY IGLTGSYRYE DFELGGTFKY SGWVEASDND EHYDPKGRI T YRSKVKDQNY YSVSVNAGYY VTPNAKVYVE GTWNRVTNKK GNTSLYDHND NTSDYSKNGA GIENYNFITT AGLKYTF
Organism	Escherichia coli O157:H7
Tag Information	N-terminal 6xHis-SUMO-tagged
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ompT recombinant protein	Protease that can cleave T7 RNA polymerase, ferric enterobactin receptor protein (FEP), antimicrobial peptide protamine and other proteins. This protease has a specificity for paired basic residues
Product Categories/Family for ompT recombinant protein	Microbiology
References	Complete genome sequence of enterohemorrhagic Escherichia coli O157:H7 and genomic comparison with a laboratory strain K-12.Hayashi T., Makino K., Ohnishi M., Kurokawa K., Ishii K., Yokoyama K., Han C.-G., Ohtsubo E., Nakayama K., Murata T., Tanaka M., Tobe T., Iida T., Takami H., Honda T., Sasakawa C., Ogasawara N., Yasunaga T. Shinagawa H.DNA Res. 8:11-22 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15830917
NCBI GeneID	913212
NCBI Accession #	NP_309690.1
NCBI GenBank Nucleotide #	NC_002695.1
UniProt Accession #	P58603
Molecular Weight	49.5 kDa
NCBI Official Full Name	outer membrane protease
NCBI Official Symbol	ECs1663
NCBI Protein Information	outer membrane protease
UniProt Protein Name	Protease 7
UniProt Gene Name	ompT

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.