Protein E6 (E6) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein E6 (E6), Recombinant Protein
Full Product Name	Recombinant Protein E6 (E6)
Product Gene Name	E6 recombinant protein
Sequence	MESANASTSA TTIDQLCKTF NLSMHTLQIN CVFCKNALTT AEIYSYAYKH LKVLFRGGYP YAACACCLEF HGKINQYRHF DYAGYATTVE EETKQDILDV LIRCYLCHKP LCEVEKVKHI LTKARFIKLN CTWKGRCLHC WTTCMEDMLP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	17,299 Da
Sequence Positions	1-150, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P06462
Species	Human papillomavirus type 6b
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for E6 recombinant protein	MBS1164454 is a recombinant protein targeting E6. Also known as Recombinant Protein E6 (E6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of E6 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for E6. It may not necessarily be applicable to this product.

NCBI GI #	9626054
NCBI GeneID	1489368
NCBI Accession #	NP_040296.1
UniProt Primary Accession #	P06462
UniProt Related Accession #	P06462
GenBank Nucleotide #	NC_001355.1
NCBI Official Full Name	E6 protein

NCBI Official Symbol	E6
UniProt Protein Name	Protein E6
Protein Family	G-protein coupled receptor
UniProt Gene Name	E6
NCBI Protein Information	E6 protein
UniProt Comments for E6	Plays a major role in the induction and maintenance of cellular transformation. E6 associates with host UBE3A/E6-AP ubiquitin-protein ligase and modulates its activity. Sequesters tumor suppressor TP53 in the host cytoplasm and modulates its activity by interacting with host EP300 that results in the reduction of TP53 acetylation and activation. In turn, apoptosis induced by DNA damage is inhibited. E6 protects also host keratinocytes from apoptosis by mediating the degradation of host BAK1. May also inhibit host immune response.
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