Acetylcholinesterase collagenic tail peptide (Colq) Recombinant Protein | Colq recombinant protein

Recombinant Mouse Acetylcholinesterase collagenic tail peptide (Colq)

CATALOG #	HOST
AAA115652	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Acetylcholinesterase collagenic tail peptide (Colq); Recombinant Mouse Acetylcholinesterase collagenic tail peptide (Colq); Colq 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	30-457, Full length protein
Sequence	VVPISAALPG LDQKKRGSHK ACCLLMPPPP PLFPPPFFRG SRSPLLSPDM KNLLELEASP SPCIQGSLGS PGPPGPQGPP GLPGKTGPKG EKGDLGRPGR KGRPGPPGVP GMPGPVGWPG PEGPRGEKGD LGMMGLPGSR GPMGSKGFPG SRGEKGSRGE RGDLGPKGEK GFPGFPGMLG QKGEMGPKGE SGLAGHRGPT GRPGKRGKQG QKGDSGIMGP PGKPGPSGQP GRQGPPGPPG PPSAGQLVMG LKGERGFPGP PGRCLCGPPV NVNNPSYGDS MYGRGSPRVP AIFVVNNQEE LERLNTQNAI AFRRDQRSLY FKDSLGWLPI QLTPFYPVGY TVKQPGTCGD GVLQPGEECD DGNPDVSDGC IDCHRAYCGD GYRHQGVEDC DGSDFGYLTC ETYLPGSYGD LRCTQYCSID STPCRYFT
Sequence Length	428
Species	Mouse
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.

ADDITIONAL INFORMATION

Related Product Information for Colq recombinant protein	This gene encodes the subunit of a collagen-like molecule associated with acetylcholinesterase in skeletal muscle. Each molecule is composed of three identical subunits. Each subunit contains a proline-rich attachment domain (PRAD) that binds an acetylcholinesterase tetramer to anchor the catalytic subunit of the enzyme to the basal lamina. Mutations in this gene are associated with endplate acetylcholinesterase deficiency. Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	164519041
NCBI GeneID	382864
NCBI Accession #	NP_034067.2
NCBI GenBank Nucleotide #	NM_009937.2
UniProt Accession #	O35348; Q08EK8
Molecular Weight	47,684 Da
NCBI Official Full Name	acetylcholinesterase collagenic tail peptide

NCBI Official Synonym Full Names	collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase
NCBI Official Symbol	Colq
NCBI Official Synonym Symbols	A130034K24Rik
NCBI Protein Information	acetylcholinesterase collagenic tail peptide
UniProt Protein Name	Acetylcholinesterase collagenic tail peptide
UniProt Gene Name	**Colq**

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/colq-recombinant-protein-e-coli/115652