

Recombinant Human Acetylcholinesterase protein
ab157830

1 Image

Description

Product name	Recombinant Human Acetylcholinesterase protein
Purity	>= 80 % Purified via GST Tag. Glutathione Sepharose
Expression system	Wheat germ
Accession	<u>P22303</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRPPQCLLHTPSLASPLLLLLVWLLGGGVGAEGREDAEL LVTVRGGRLRG IRLKTPGGPVSAFLGIPFAEPPMGPRRFLPPEPKQPWSGV VDATTFQSV YQYVDTLYPGFEGTEMWNPNNRELSCLYLNWVTPYPRP TSPTPVVWIY GGGFYSGASSLDVYDGRFLVQAERTVLVSMNYRVGAFGF LALPGSREAPG NVGLLDQRLALQWVQENVAAGGDPTSVTLFGESAGAA SVGMHLLSPPSR GLFHRAVLQSGAPNGPWATVGMGEARRRATQLAHLVGC PPGGTGGNDEL VACLRTPAQVLVNHEWHVLPQESVFRFSFVPVVDGDFL SDTPEALINAG DFHGLQVLVGIVKDEGSYFLVYGAPGFSKDNESLISRAEF LAGVRVGVVQ VSDLAAEAVVLHYTDWLHPEDPARLREALSDVVGDNV CPVAQLAGRLA AQGARVYAYVFEHRASTLSWPLWMGVPHGYEIEFIFGIPL DPSRNYTAE KIFAQRLMRYWANFARTGDPNEPRDPKAPQWPPYTAGA QQYVSLDLRPLE VRRGLRAQACAFWNRFPLKLLSATDTLDEAERQWKAEF HRWSSYMHVWKN

Predicted molecular weight	97 kDa including tags
Amino acids	1 to 640
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab157830** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot
Form	Liquid

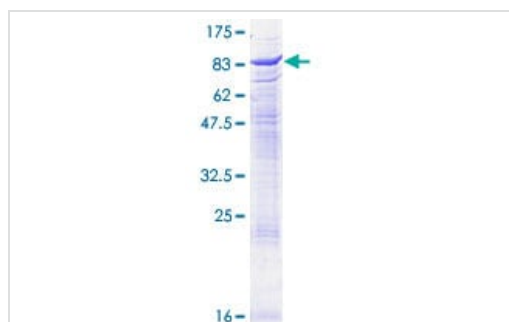
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft. Role in neuronal apoptosis.
Tissue specificity	Isoform H is highly expressed in erythrocytes.
Sequence similarities	Belongs to the type-B carboxylesterase/lipase family.
Cellular localization	Cell membrane; Cell junction > synapse. Secreted. Cell membrane and Nucleus. Only observed in apoptotic nuclei.

Images



SDS-PAGE - Recombinant Human
Acetylcholinesterase protein (ab157830)

ab157830 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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