

## Acetylcholinesterase

| Catalog #                | Source  | Reactivity | Applications |
|--------------------------|---|------------|--------------|
| CZM1167                  | HEK293  |            |              |
| <b>Description</b>       | Recombinant Acetylcholinesterase from HEK293  |            |              |
| <b>Specificity</b>       | >800 U/mg protein   |            |              |
| <b>Form</b>              | Liquid  |            |              |
| <b>Alternative Names</b> | EC 3.1.1.7; choline esterase I; cholinesterase; true cholinesterase   |            |              |
| <b>CAS Number</b>        | 9000-81-1   |            |              |
| <b>Molecular Weight</b>  |   |            |              |
| <b>Purity</b>            | >90%  |            |              |
| <b>Unit Definition</b>   | One unit is defined as the amount of enzyme will hydrolyze 1 micromole acetylcholine into choline and acetate per minute at pH 8.0, 37°C. |            |              |
| <b>Storage/Stability</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C for 1 year. Avoid freeze/thaw cycles.  |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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