

## Recombinant Mouse CES2E Protein

Catalog #	Source	Reactivity	Applications
CRP1290	Human cells	Mouse	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Mouse CES2E Protein is produced by our mammalian expression system and the target gene encoding Met1-His556 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Gene Symbol</b>	CES2E
<b>Alternative Names</b>	Ces5; Pyrethroid hydrolase Ces2e; carboxylesterase 2E
<b>Entrez Gene</b>	234673 (Mouse)
<b>SwissProt</b>	Q8BK48 (Mouse)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	MPLYKLLGWL NAVACGVLLL VLHVQGGQDSA SPIRNTHTGQ VRGSLVHVKD TDIAVHTFLG IPFAKPPVGP LRFAPPEAPE PWSGVRDGTS HPNMCLQNDN LMGSEDLKMM NLILPPISMS EDCLYLNIIY PAHAHEGSNL PVMVWIHGGGA LTVGMASMYD GSMLAATEDV VVVAIQYRLG VLGFFSTGDQ HAKGNWGYLD QVAALRWVQQ NIVHFGGNPD RVTIFGESAG GTSVSSHVVS PMSQGLFHGA IMESGVAVLP DLISSSEMVM HRIVANLSGC AAVNSETLMC CLRGKNEAEM LAINKVFKII PGVVDGEFLP KHPQELMASK DFHPVPSIIG INNDEYGWIL PTIMDPAQKI EETRKTLPV VLKSTALKMM LPPECGLLLM EYMGDTEDEP ETLQAQFREM KGDFFMFVIPA LQVAHFQRSH APVYFYEFQH RPSFFKDFRP PYVKADHGDE IFLVFGYQFG NIKLPYTEEE EQLSRIMKY WANFARHGNP NSEGLPYWVP MDHDEQYLQL DIQPSVGRAL KARRLQFWTK TLPQKIQLK GSQERHVDHH HHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
<b>Application key:</b>	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
<b>Species reactivity key:</b>	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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# Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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