CES2E Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	CES2E, Recombinant Protein
Full Product Name	Recombinant Mouse CES2E Protein
Product Gene Name	CES2E recombinant protein
Product Synonym Names	Ces5; Pyrethroid hydrolase Ces2e; carboxylesterase 2E
Sequence	MPLYKLLGWL NAVACGVLLL VLHVQGQDSA SPIRNTHTGQ VRGSLVHVKD TDIAVHTFLG IPFAKPPVGP LRFAPPEAPE PWSGVRDGTS HPNMCLQNDN LMGSEDLKMM NLILPPISMS EDCLYLNIYV PAHAHEGSNL PVMVWIHGGA LTVGMASMYD GSMLAATEDV VVVAIQYRLG VLGFFSTGDQ HAKGNWGYLD QVAALRWVQQ NIVHFGGNPD RVTIFGESAG GTSVSSHVVS PMSQGLFHGA IMESGVAVLP DLISSSSEMV HRIVANLSGC AAVNSETLMC CLRGKNEAEM LAINKVFKII PGVVDGEFLP KHPQELMASK DFHPVPSIIG INNDEYGWIL PTIMDPAQKI EEITRKTLPA VLKSTALKMM LPPECGDLLM EEYMGDTEDP ETLQAQFREM KGDFMFVIPA LQVAHFQRSH APVYFYEFQH RPSFFKDFRP PYVKADHGDE IFLVFGYQFG NIKLPYTEEE EQLSRRIMKY WANFARHGNP NSEGLPYWPV MDHDEQYLQL DIQPSVGRAL KARRLQFWTK TLPQKIQELK GSQERHVDHH HHHH
Host	Human cells
Species Reactivity	Mouse
Form/Format	Lyophilized from a 0.2 muM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Molecular Weight	62,318 Da
3D Structure	ModBase 3D Structure for Q8BK48
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Applications Tested/Suitable for CES2E recombinant protein	ELISA (EIA),Western Blot (WB), SDS-PAGE, Mass Spectrometry (MS)
Related Product Information for CES2E recombinant protein	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.
Other Notes	Small volumes of CES2E 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.
Searchable Terms for CES2E purchase	MBS8248779 is a recombinant protein targeting CES2E. Also known as Recombinant Mouse CES2E Protein. Reactive in Mouse. Host: Human cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CES2E. It may not necessarily be applicable to this product.

NCBI GI #	254939648

NCBI GeneID	234673
NCBI Accession #	NP_001157228.1
UniProt Primary Accession #	Q8BK48
UniProt Secondary Accession #	Q8BM97; Q8VC02
UniProt Related Accession #	Q8BK48
GenBank Nucleotide #	NM_001163756.1
NCBI Official Full Name	pyrethroid hydrolase Ces2e
NCBI Official Synonym Full Names	carboxylesterase 2E
NCBI Official Symbol	Ces2e
NCBI Official Synonym Symbols	Ces5; 9030624L02Rik
UniProt Protein Name	Pyrethroid hydrolase Ces2e
UniProt Synonym Protein Names	carboxylesterase 2E
Protein Family	Pyrethroid hydrolase
UniProt Gene Name	Ces2e
UniProt Synonym Gene Names	Ces5
UniProt Entry Name	EST2E_MOUSE
NCBI Protein Information	pyrethroid hydrolase Ces2e
UniProt Comments for CES2E	CES2E: Protein type: EC 3.1.1.88 Cellular Component: extracellular space
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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